Author Index to Volume 101

References with (L) are to Letters to the Editor. References with (E) are to Errata.

Abeles, B. and S. Meiboom. Galvanomagnetic effects in Bi —544

Accardo, Carl A. (see Kronenberg Stanley)—989

Adams, A., Jr. (see Statz, H.)—1272

Ager-Hanssen, H., O. M. Lönsjö, and R. Nordhagen. γ rays from excited levels in Al^{25}—1779

Albrecht, H. O. and C. E. Mandeville. Storage of energy in BeO—1250

Alburger, D. E. (see Toppel, B. J.)—1485

—— (see Wilkinson, D. H.)—673

Alers, Perry B. Thermal magnetoresistance of Zn at low temperatures—41

Alexander, E. (see Harnik, E.)—1434(L)

—— (see Many, A.)—1433(L)

Alexander, T. K. (see Warren, J. B.)—242

Allen, R. V. (see Thomas, R. G.)—759

Alley, N. P. (see Smith, R. R.)—1053

Alvarez, Luis W., Frank S. Crawford, Myron L. Good, and M. Lynn Stevenson. Lifetime of K mesons—503(L)

Amaldi, E. (see Chamberlain, O.)—909(L)

Ambler, E., R. P. Hudson, and G. M. Temmer. Alignment of three odd-A rare-earth nuclei—196

Anderson, P. W. (see Clogston, A. M.)—903(L)

Anderson, W. A. and J. T. Arnold. Proton relaxation times in H_2-D_2O mixtures—511

Andre, C. G., J. R. Huizenga, J. F. Mech, W. J. Ramler, E. G. Rauh, and S. R. Rocklin. Proton cross sections of Bi^{209}—645

Andrus, J. (see Bond, W. L.)—1211(L)

Araki, Gentaro. Quantum-electrodynamical fourth order corrections for triplet fine structure of He—1410

Argo, H. V. (see Holm, Dale M.)—1772

Arnold, J. T. (see Anderson, W. A.)—511

Ashkin, J., J. P. Blaser, F. Feiner, and M. O. Stern. Pion-proton scattering at 150 and 170 Mev—1149

Auer, Peter L. Prebreakdown current in Townsend discharge—1243

Averbach, B. L. (see Flanagan, W. F.)—1441

—— (see Kurtz, A. D.)—1285

Awschalom, M. Search for double β decay in Ca^{48} and Zr^{96} —1041

Axel, Peter (see Vegors, Stanley H., Jr.)—1067

Bair, J. K. (see Willard, H. B.)—765

Ballam, J., M. Grisaru, and S. B. Treiman. Anomalous V^0 events as three-body decays—1438(L)

Bame, S. J., Jr. (see Bonner, T. W.)—1514

——, **Wallace Birnbaum, and Frances M. Smith.** Mass ratio method applied to measurement of L-meson masses and energy balance in pion decay—778

Barnes, Raymond F. (see Diamond, Herbert)—1064

Baron, N. (see Rosengren, J. W.)—410

Baroni, G. (see Chamberlain, O.)—909(L)

Baroody, E. M. Excitation of electrons in metals by primary electrons—1679

Bass, Arnold M. and Herbert P. Broida. Spectra emitted from solid nitrogen condensed at 4.2°K from gas discharge —1740

Bean, C. P., J. C. Fisher, and D. A. Vermilyea. Ionic conductivity of TaO at very high fields—551

Bedard, Fernand and Hans Meissner. Measurements of contact resistance between normal and superconducting metals—26

Beggs, William C., Berol L. Robinson, and Richard W. Fink. γ-rays in decay of Ba^{131}—149

Behrends, R. E., R. J. Finkelstein, and A. Sirlin. Radiative corrections to decay processes—866

Bellman, Richard. Dynamics of disordered linear chain—19

Benczer, N., B. Farrelly, L. Koerts, and C. S. Wu. Investigations of I^{128}—1027

Benedict, F. D. Angular distribution of γ rays in Coulomb excitation from Pt—178

——, **P. B. Daitch, and G. Breit.** Semiclassical approximation to Coulomb excitation integrals—171

Benenson, R. E., K. W. Jones, and M. T. McEllistrem. Comparison of differential cross sections for reactions $C^{12}(d,p)C^{13}$ and $C^{12}(d,n)N^{13}$—308

Benveniste, J., Reinald G. Finke, and Ernest A. Martinelli. Inelastic scattering of 31-Mev protons from Be— 655

Berg, Roy A. and Lawrence Wilets. Nuclear surface effects—201

Berman, Sam, Joseph Callaway, and Roger D. Woods. Cohesive energy of K—1467

Berry, R. E. (see Sommers, H. S., Jr.)—987

Biedenharn, L. C., M. Goldstein, J. L. McHale, and R. M. Thaler. Quantum calculation of Coulomb excitation. II. Quadrupole excitation: Numerical results—662

Biondi, M. A., M. P. Garfunkel, and A. O. McCoubrey. Millimeter wave absorption in superconducting Al—1427 (L)

Birnbaum, Wallace (see Barkas, Walter H.)—778

—— (see Crandall, Walter E.)—329

Bjorklund, F. E., S. Fernbach, and N. Sherman. Optical model of nucleus with absorbing surface—1832(L)

Blaser, J. P. (see Ashkin, J.)—1149

Bleuler, E. (see Thieme, M. T.)—1031

Bloch, Ingram (see Hsieh, Yü)—205

Block, M. M. Phase space integrals for multiparticle systems—796

Blosser, Henry G. (see Pettus, William G.)—17

Blount, Eugene, Joseph Callaway, Morrel Cohen, William Dumke, and James Phillips. Infrared absorption of InSb—563

Bludman, Sidney A. and Malvin A. Ruderman. Radiative and nonradiative boson decay into leptons—910(L)

Boehm, Mary Jo (see Henry, Warren E.)—1253

Bogle, G. S., J. N. Dodd, and K. H. Purser. Back-Goudsmit effect in hfs of Na^{23} $3P_{3/2}$ and electric quadrupole interaction coefficient—246

Bohm, H. (see Morse, R. W.)—1610(L)

Bolsterli, Mark and Eugene Feenberg. Perturbation procedure for bound states of nuclei—1349

Bond, W. L. and J. Andrus. Photographs of stress field around edge dislocations—1211(L)

Bonfiglioli, G., E. Coen, and R. Malvano. Modulation of conductivity by surface charges in metals—1281

Bonner, T. W., S. J. Bame, Jr., and J. E. Evans. Energy of delayed neutrons from fission of U^{235}—1514

——, **J. T. Eisinger, Alfred A. Kraus, Jr., and J. B. Marion.** Cross section and angular distributions of (d,p) and (d,n) reactions in C^{13} from 1.8 to 6.1 Mev—209

—— (see Harlow, M. V.)—214

—— (see Taylor, H. L.)—1835(E)

Borowitz, Sidney. Perturbation calculation of elastic scattering of electrons by H atoms—1835(E)

Bowman, H. R. (see Crane, W. W. T.)—1804

Boyle, W. S. and F. E. Haworth. Glow to arc transition —935

Braams, C. M. Inelastic scattering of protons by Ca^{40}—1764

Brabant, John M., Bruce Cork, Nahmin Horwitz, Burton J. Moyer, Joseph J. Murray, Roger Wallace, and William A. Wenzel. Terminal observations on "antiprotons" —498(L)
Breit, G., M. E. Ebel, and J. E. Russell. γ-ray angular distribution in Coulomb excitation—1504
—— (see Benedict, F. D.)—171
—— (see Gluckstern, R. L.)—175
Brice, M. K. (see Cork, J. M.)—1042
—— (see Martin, D. W.)—182
Broida, Herbert P. (see Bass, Arnold M.)—1740
—— (see Herzfeld, C. M.)—606
Broude, C., L. L. Green, J. J. Singh, and J. C. Willmott. Low-lying levels of P^{35}—1052
—— (see Marion, J. B.)—247
Bruil, W. A. (see Nussbaum, R. H.)—905(L)
Brun, E. (see Kraushaar, J. J.)—139
Bube, Richard H. Comparison of surface-excited and volume-excited photoconduction in CdS crystals—1668
Buckingham, M. J. Very high frequency absorption in superconductors—1431(L)
Buechner, W. W., M. Mazari, and A. Sperduto. Magnetic spectrograph measurements on $Al^{27}(d,p)Al^{28}$ reaction —188
Bullis, W. M. and W. E. Krag. Hall effect in oriented single crystals of *n*-type GE—580
Burbidge, G. R. Halo of radio emission and origin of cosmic rays—906(L)
Burde, J. and S. G. Cohen. Recoil broadening of internal conversion lines associated with α decay—495(L)
Burlew, J. S. (see Potnis, V. R.)—753
Burrus, Charles A. and Walter Gordy. Millimeter and submillimeter wave spectroscopy—599
Burson, S. B. (see Martin, D. W.)—182

Callaway, Joseph (see Berman, Sam)—1467
—— (see Blount, Eugene)—563
Calvert, J. M., A. A. Jaffe, and E. E. Maslin. Reduced widths from stripping reactions—501(L)
Campos, Milton (see Sugarman, Nathan)—388
Cantwell, Murray. Molecular excitation in β decay—1747
Carmichael, B. M. (see Miller, D. W.)—740
Carter, D. E. and M. P. Givens. Soft x-ray absorption of thin films of Fe and FeO—1469
Case, K. M. Representations of Duffin-Kemmer algebras—439
——, **Robert Karplus, and C. N. Yang.** Experiments with slow K mesons in deuterium and H—358
——, **Robert Karplus, and C. N. Yang.** Strange particles and conservation of isotopic spin—874
Castagnoli, C. (see Chamberlain, O.)—909(L)
Castillejo, L., R. H. Dalitz, and F. J. Dyson. Low's scattering equation for charged and neutral scalar theories —453
Caulk, H. M. (see Davis, L. R.)—800
Chadwick, G. B. (see Warren, J. B.)—242
Chagnon, Paul R. and George E. Owen. Angular distributions of the D + D neutrons—1798
Chakrabarty, S. K. and M. R. Gupta. Calculations on cascade theory of showers—813
Chamberlain, O., W. W. Chupp, G. Goldhaber, E. Segrè, C. Wiegand, E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti, and A. Manfredini. Antiproton star observed in emulsion—909(L)
Chapman, Richard A. (see Harlow, M. V.)—214
—— (see Marion, Jerry B.)—247; 283
Chase, David M. and Lawrence Wilets. Nuclear levels and transitions in Lu^{175} according to unified model—1038
Chew, G. F. and F. E. Low. Effective-range approach to low-energy p-wave pion-nucleon interaction—1570
—— **and F. E. Low.** Theory of photomeson production at low energies—1579
Chiba, R. (see Takemoto, S.)—772
Christensen, R. L., D. R. Hamilton, A. Lemonick, F. M. Pipkin, J. B. Reynolds, and H. H. Stroke. Spins and hfs separations of radioactive Au^{198} and Au^{199}—1389
Chupp, Warren W. (see Chamberlain, O.)—909(L)
—— (see Lannutti, Joseph E.)—1617(L)
—— (see Webb, Francis H.)—1215(L)
Clogston, A. M., H. Suhl, L. R. Walker, and P. W. Anderson. Possible source of line width in ferromagnetic resonance—903(L)
Coen, E. (see Bonfiglioli, G.)—1281
Cohen, E. Richard. Standard errors of residues in least-squares analysis—1641
Cohen, M. H. Spin resonance in V-centers—1432(L)
Cohen, Morrel (see Blount, Eugene)—563
Cohen, S. G. (see Burde, J.)—495(L)
Cohn, H. O. (see Willard, H. B.)—765
Coles, B. R. Significance of Hall effect measurements on alloys—1254
Collins, R. J. (see Fan, H. Y.)—566
Collins, T. L. (see White, F. A.)—1786
Compton, W. Dale. Self-diffusion and conductivity in AgCl —1209(L)
Corbett, J. W. and W. W. Watson. Performance of hot-wire thermal diffusion column—519
—— (see Schwartz, R. B.)—1370
Cork, Bruce (see Brabant, John M.)—498(L)
Cork, J. M., M. K. Brice, D. W. Martin, L. C. Schmid, and R. G. Helmer. Radiations from active isotopes of Yb —1042
—— (see Martin, D. W.)—182
Cox, John T. and Walter Gordy. Zeeman effect of some linear and symmetric-top molecules—1298
Craig, D. S. Levels of Al^{25} from $Mg^{24}(p,\gamma)Al^{25}$ reaction—1479
Crandall, Walter E., George P. Millburn, Robert V. Pyle, and Wallace Birnbaum. $C^{12}(x,xn)C^{11}$ and $Al^{27}(x,x2pn)Na^{24}$ cross sections at high energies—329
Crane, W. W. T., G. H. Higgins, and H. R. Bowman. Average number of neutrons per fission for several heavy-element nuclides—1804
Crawford, Frank S. (see Alvarez, Luis W.)—503(L)
Cronin, James W. Excitation functions and angular distributions of α particles from $B^{10}(p,\alpha)Be^{7}$—298
Crussard, J. (see Hill, R. D.)—1127
Culler, Glen, Sidney Fernbach, and Noah Sherman. Optical model analysis of scattering of 14-Mev neutrons —1047
Currie, Lloyd A., W. F. Libby, and Richard L. Wolfgang. Tritium production by high-energy protons—1557
Cutkosky, R. E. and G. C. Wick. Spectrum of Bethe-Salpeter equation—1830(L)

Daitch, P. B. (see Benedict, F. D.)—171
Dalitz, R. H. (see Castillejo, L.)—453
Daunt, J. G. (see Jastram, P. S.)—1381
Davis, L., Jr. (see Statz, H.)—1272
Davis, L. R., H. M. Caulk, and C. Y. Johnson. Primary cosmic-ray α particles and protons at λ=55°N—800
Davis, Leverett, Jr. Modified Fermi mechanism for acceleration of cosmic rays—351
Day, M. C., Jr., and A. F. Voigt. Decay of Sb^{127} and Sb^{129}—1784
Dayton, I. E. and G. Schrank. Elastic scattering of 17-Mev protons by nuclei—1358
Dazai, T. (see Takemoto, S.)—772
deMars, G. A. (see Statz, H.)—1272

der Mateosian, E., M. McKeown, and C. O. Muehlhause. Response of NaI crystals to α particles and electrons as function of temperature—967
Deutsch, Martin (see Kendall, H. W.)—20
DeWitt, Bryce S. (see Reifman, Alfred)—877
Dexter, D. L. Absorption of light by atoms in solids—48
Diamond, Herbert and Raymond F. Barnes. α half-life of Pu^{244}—1064
Diamond, Richard M. (see Sharp, Rodman A.)—1493
Diven, B. C., H. C. Martin, R. F. Taschek, and J. Terrell. Multiplicities of fission neutrons—1012
Dobrowolski, W., R. V. Jones, and C. D. Jeffries. Paramagnetic resonance hfs of Co^{60}—1001
Dodd, J. N. (see Bogle, G. S.)—246
Downs, D. W. Effects of short-range correlations between two protons in elastic scattering of high-energy electrons by heavy nuclei—820
Doyle, W. T. and A. B. Robbins. $N^{14}(\alpha,n)F^{17}$ and $Na^{23}(\alpha,n)Al^{26}$ reactions—1056
—— (see Quinton, A. R.)—669
Drummond, J. E. Masses of light nuclei—1835(E)
Duerr, Hans-Peter and Edward Teller. Interaction of antiprotons with nuclear fields—494(L)
Dumke, William P. Deformation potential theory for n-type Ge—531
—— (see Blount, Eugene)—563
Dyson, F. J. (see Castillejo, L.)—453

Ebel, M. E. (see Breit, G.)—1504
Eichler, E. (see Lazar, N. H.)—727
—— (see O'Kelley, G. D.)—1059
Eisberg, R. M. (see Igo, G.)—1508
Eisinger, J. T. (see Bonner, T. W.)—209
Ekstein, H. Theory of time-dependent scattering for multichannel processes—880
Elliot, J. O. Differential elastic scattering of 14-Mev neutrons in Bi, Ta, In, Fe, and S—684
Elliott, J. P. Electric monopole transitions in C^{12} and O^{16}—1212(L)
Ellis, R. E. and Larry Schecter. Elastic scattering of 48-Mev α particles—636
Evans, J. E. (see Bonner, T. W.)—1514

Fan, C. Y. Origin of cosmic radiations—314
Fan, H. Y., W. Spitzer, and R. J. Collins. Infrared absorption in n-type Ge—566
Farrelly, B. (see Benczer, N.)—1027
Feenberg, Eugene (see Bolsterli, Mark)—1349
—— (see Goldhammer, Paul)—1233
Feiner, F. (see Ashkin, J.)—1149
Feingold, Arnold. Effect of tensor force on level structure of Li^6 and Li^7—258
Feldman, G. and P. T. Matthews. Crossing symmetry in meson nucleon scattering—1212(L)
Fernbach, Sidney (see Bjorklund, F. E.)—1832(L)
—— (see Culler, Glen)—1047
Ferrell, Richard A. Angular dependence of characteristic energy loss of electrons passing through metal foils—554
Fink, Richard W. (see Beggs, William C.)—149
Finke, Reinald G. (see Benveniste, J.)—655
Finkelstein, R. J. (see Behrends, R. E.)—866
Fisher, J. C. (see Bean, C. P.)—551
Fitch, V. and R. Motley. Mean life of K^+ mesons—496(L)
Flanagan, W. F. and B. L. Averbach. Hall effect in solid solutions—1441
Flynn, K. F., L. E. Glendenin, and E. P. Steinberg. Search for Be^{10} as product of ternary fission—1492
Foner, Simon. Hall effect and magnetic properties of Armco Fe—1648
Forstat, Harold and Charles A. Reynolds. Compressibility and heat transfer of He II—513
Fowler, William B., George Maenchen, Wilson M. Powell, George Saphir, and Robert W. Wright. Multiple pion production in n-p collisions at Bevatron—911(L)
Frank, R. M., J. L. Gammel, and K. M. Watson. Optical model potential for pion-nucleus scattering—891
Franzinetti, C. (see Chamberlain, O.)—909(L)
Frisch, David H. Possible origin of 1·s forces in nuclei—1833(L)
Fry, W. F., J. Schneps, and M. S. Swami. Disintegration of hyperfragments. II—1526
Fuller, E. G. and Evans Hayward. Nuclear elastic scattering of photons—692
Fung, S. C., A. Pevsner, D. Ritson, and N. Mohler. K^+–τ^+ mass difference—493(L)
—— (see Ritson, D. M.)—1085

Gall, Ruth and Jaime Lifshitz. Albedo of cosmic rays in earth's dipole and quadrupole magnetic field—1821
Gammel, J. L. (see Frank, R. M.)—891
Gardner, F. T. (see Hill, R. D.)—907(L)
Gardner, Gerald and John I. Hopkins. Evidence for 258-kev γ ray of Sn^{113}—999
Garfunkel, M. P. (see Biondi, M. A.)—1427(L)
Garren, A. Coulomb interference in high-energy p-p scattering—419
Gasiorowicz, S., M. Neuman, and R. J. Riddell, Jr. Dynamics of ionized media—922
Geffen, D. A. and F. L. Scarf. Spurious solutions of Bethe-Salpeter equation—1829(L)
Geller, M. Field emission from metals into alkali halide crystal—1685
Gerber, H. J., M. Garcia Muñoz, and D. Maeder. β-decay of Ne^{23}—774
Givens, M. P. (see Carter, D. E.)—1469
Glauber, R. J., P. C. Martin, T. Lindqvist, and C.-S. Wu. Relativistic and screening effects in radiative electron capture—905(L)
—— (see Zemach, A. C.)—118, 129
Glendenin, L. E. (see Flynn, K. F.)—1492
Gluckstern, R. L., J. P. Lazarus, and G. Breit. Comparison of semiclassical and quantum mechanical Coulomb excitation integrals for large L—175
Goebel, Charles J. Pion-nucleon S-wave phase shifts from ps-ps with cutoff—468
Goldhaber, Gerson (see Chamberlain, O.)—909(L)
—— (see Lannutti, Joseph E.)—1617(L)
—— (see Ritson, D. M.)—1085
—— (see Webb, Francis H.)—1215(L)
Goldhaber, M. Compound hypothesis for heavy unstable particles. II—433
—— Possible method of measuring magnetic moments of V particles—1828(L)
Goldhaber, Sulamith (see Lannutti, Joseph E.)—1617(L)
—— (see Ritson, D. M.)—1085
—— (see Webb, Francis H.)—1215(L)
Goldhammer, Paul. Coupling of nucleon orbitals—1375
—— **and Eugene Feenberg.** Refinement of Wigner-Brillouin perturbation method—1233
Goldman, J. E. (see Urquhart, Helen M. A.)—1443
Goldstein, Louis and Henry S. Sommers, Jr. Transmission of slow neutrons by liquid He^4. II—1235
Goldstein, M. (see Biedenharn, L. C.)—622
Good, Myron L. (see Alvarez, Luis W.)—503(L)
Good, W. M. and E. O. Wollan. Range and range dispersion of specific fission fragments—249
Goodman, Clark (see Guernsey, Janet B.)—294
—— (see Mark, Hans)—768

Gordon, R. B. and A. S. Nowick. Structure sensitivity of x-ray coloration of NaCl crystals—977
Gordy, Walter (see Burrus, Charles A.)—599
—— (see Cox, John T.)—1298
Gould, Gordon. Hfs separations and hfs anomaly in $6\,^2P_{3/2}$ metastable level of Tl^{205} and Tl^{205}—1828(L)
Graves, William E. and Allan C. G. Mitchell. Disintegration of Te^{120}—701
—— **and S. K. Suri.** Disintegration of Sc^{47}—1368
Gray, Ernest P. (see Hart, Robert W.)—84
Gray, Peter R. Auger effect in heaviest elements—1306
Green, David and J. Reginald Richardson. Radiations from P^{30}, Cl^{34}, and K^{38}—776
Green, L. L. (see Broude, C.)—1052
Grilly, E. R. (see Mills, R. L.)—1246
Grisaru, M. (see Ballam, J.)—1438(L)
Grobben, N. (see Nussbaum, R. H.)—905(L)
Grosskreutz, J. C. Angular distribution of protons from $O^{16}(d,p)O^{17}$ reaction as function of bombarding energy—706
Guernsey, Janet B. and Clark Goodman. Neutron cross sections for Zr—294
—— **and A. Wattenberg.** Excitation of some low-lying levels by inelastic neutron scattering—1516
Gugelot, P. C. and P. R. Phillips. Inelastic scattering of 18-Mev protons by Mg^{24}—1614(L)
—— **and M. Rickey.** Inelastic scattering of 42-Mev α's by Mg—1613(L)
Guier, William H. (see Hart, Robert W.)—84
Gupta, M. R. (see Chakrabarty, S. K.)—813
Gupta, U. C. (see Miller, D. W.)—740

Haake, C. H. Frequency dependence of electroluminescent brightness—490(L)
Hahn, Beat, D. G. Ravenhall, and Robert Hofstadter. High-energy electron scattering and charge distributions of selected nuclei—1131
Halpern, I. (see Sugihara, T. T.)—1768
Hamilton, D. R. (see Christensen, R. L.)—1389
Hanson, A. O. (see Whalin, E. A.)—377
Harlow, M. V., J. B. Marion, R. A. Chapman, and T. W. Bonner. Energy levels in F^{19} from study of $O^{18}(d,n)F^{19}$ reaction—214
Harnik, E., A. Many, Y. Margoninski, and E. Alexander. Correlation between surface recombination velocity and surface conductivity in Ge—1434(L)
—— (see Many, A.)—1433(L)
Harrick, N. J. Use of absorption of infrared radiation to determine carrier distribution in Ge and evaluation of surface recombination velocity—491(L)
Harriman, John M. Numerical values for H fine structure —594
Harris, G., J. Orear, and S. Taylor. Heavy meson fluxes at Cosmotron—1213(L)
Harrison, Walter A. Mobility in zinc blende and InSb—903(L)
Hart, Robert W., Ernest P. Gray, and William H. Guier. Statistical approach to collision processes: Application to atomic excitation—84
Hartzler, A. J. (see Siegel, R. T.)—838
Hawkins, T. H. (see Moss, T. S.)—1609(L)
Haworth, F. E. (see Boyle, W. S.)—935
Haynes, J. R. and W. C. Westphal. Radiation resulting from recombination of holes and electrons in Si—1676
Hayward, Evans (see Fuller, E. G.)—692
Hayward, R. W. and D. D. Hoppes. Disintegration of Se^{73} —93
Heberle, Juergen W., Haskell A. Reich, and P. Kusch. Hfs of metastable H atom—612
Heckrotte, Warren. Analysis of small-angle elastic scattering of high-energy protons by C—1406
Heininger, Clarence G. and Edwin O. Wiig. Spallation of V with 60, 100, 175, and 240-Mev protons—1074
Helmer, R. G. (see Cork, J. M.)—1042
Helmy, Ehsan (see Lannutti, Joseph E.)—1617(L)
Henley, E. M. and T. D. Lee. Model for multiple meson production—1536
Henry, Warren E. and Mary Jo Boehm. Intradomain magnetic saturation and magnetic structure of γ-Fe_2O_3—1253
Hereford, Frank L. (see Pettus, William G.)—17
Herring, Conyers and Erich Vogt. Transport and deformation-potential theory for many-valley semiconductors with anisotropic scattering—944
Herzfeld, C. M. and H. P. Broida. Interpretation of spectra of atoms and molecules in solid nitrogen condensed at 4.2°K—606
Hess, Wilmot N. and Burton J. Moyer. Production of deuterons in high-energy nucleon bombardment of nuclei, and its bearing on nuclear charge distribution—337
Hicks, Donald A., John Ise, Jr., and Robert V. Pyle. Probabilities of prompt-neutron emission from spontaneous fission—1016
Higgins, G. H. (see Crane, W. W. T.)—1804
Hill, R. D., Stig D. Johansson, and F. T. Gardner. Nuclear emulsion observation of annihilation of antiproton —907(L)
——, **E. O. Salant, M. Widgoff, L. S. Osborne, A. Pevsner, D. M. Ritson, J. Crussard, and W. D. Walker.** Disintegrations produced in nuclear emulsions by 1.5-Bev pions—1127
Hoang, T. F., M. F. Kaplon, and G. Yekutieli. Further evidence on nature of neutral particles in decay scheme of $K_{\mu 3}$—1834(L)
—— (see Yekutieli, G.)—506(L)
Hoff, Richard W. and John O. Rasmussen, Jr. *ft* values and L/K ratios for orbital electron capture—280
Hofstadter, Robert (see Hahn, Beat)—1131
Holden, A. N., W. J. Merz, J. P. Remeika, and B. T. Matthias. Properties of guanidine aluminum sulfate hexahydrate and some of its isomorphs—962
Holladay, W. G. Nucleon anomalous moments via pion-pion attraction—1198
——. Nucleon structure and $n-p$ mass differences—1202
Holland, D. H. Kinetic energy in nonlinear meson theory —451
Hollander, J. M. (see Smith, W. G.)—746
Holm, Dale M. and H. V. Argo. *t-t* elastic scattering from 1.6 to 2.0 Mev—1772
Hope, J. and L. W. Longdon. Tensor operator methods and tensor force—710
Hopkins, John I. (see Gardner, Gerald)—999
Hoppes, D. D. (see Hayward, R. W.)—93
Horton, John W. α-γ angular correlation in Bi^{212}(ThC)— 717
Horwitz, Nahmin (see Brabant, John M.)—498(L)
Hsieh, Yü and Ingram Bloch. Single-body wave functions and two-body forces—205
Huang, Kerson. Self-energy of Dirac particles—1173
Hudson, R. P. (see Ambler, E.)—196
Hughes, D. J. (see Levin, J. S.)—1328
Huizenga, J. R. (see Andre, C. G.)—645
Hyde, E. K. (see Momyer, F. F., Jr.)—136

Igo, G. and H. H. Landon. Radiation widths in slow-neutron resonances of Hf—726
——, **H. E. Wegner, and R. M. Eisberg.** Elastic scattering of 40-Mev α particles from light elements—1508

Iloff, Edwin L. (see Lannutti, Joseph E.)—1617(L)
Ingraham, Richard. Classical Maxwell theory with finite-particle sources—1411
Ise, John, Jr. (see Hicks, Donald A.)—1016
Ito, S. (see Takemoto, S.)—772

Jackson, D. A. Isotope effect in spectrum of In I—1425(L)
Jaffe, A. A. (see Calvert, J. M.)—501(L)
Jaffe, I. (see Seliger, H. H.)—998
Jansen, Laurens (see McGinnies, Rosemary T.)—1301
Jastram, P. S., R. C. Sapp, and J. G. Daunt. Angular correlation of γ radiations from oriented nuclei—1381
Jeffries, C. D. (see Dobrowolski, W.)—1001
Jenkins, F. A. (see Speck, D. R.)—1831(L)
Jenny, D. A., J. J. Loferski, and P. Rappaport. Photovoltaic effect in GaAs p-n junctions and solar energy conversion—1208(L)
Jensen, E. N. (see Pohm, A. V.)—1315
Johansson, Stig D. (see Hill, R. D.)—907(L)
Johnson, C. Y. (see Davis, L. R.)—800
Johnson, Kenneth A. Renormalization of mass operator—444
Jones, K. W. (see Benenson, R. E.)—308
Jones, R. V. (see Dobrowolski, W.)—1001
Jungerman, John A. (see Steiner, Herbert)—807

Kaiser, W., P. H. Keck, and C. F. Lange. Infrared absorption and oxygen content in Si and Ge—1264
Kaplon, M. F. (see Hoang, T. F.)—1834(L)
—— (see Yekutieli, G.)—506(L)
Karplus, Robert (see Case, K. M.)—358; 874
Kasper, J. S. and B. W. Roberts. Antiferromagnetic structure of α-Mn and magnetic structure study of β-Mn—537
Keck, J. C. and A. V. Tollestrup. Photodissociation of deuteron from 150 to 450 Mev—360
—— (see Watson, K. M.)—1159
Keck, P. H. (see Kaiser, W.)—1264
Keiffer, David G. and George Parzen. Energy distribution at large angles of high-energy electrons in bremsstrahlung—1244
Kendall, H. W. and Martin Deutsch. Annihilation of positrons in flight—20
Kikuta, Takashi, Masami Yamada, and Masato Morita. Effect of hard core on binding energies of H^3 and He^3—509(L)
Kington, J. D. (see Willard, H. B.)—765
Kittel, C. and A. H. Mitchell. Ferromagnetic relaxation and gyromagnetic anomalies in metals—1611(L)
Kjeldaas, T., Jr., and W. Kohn. Interaction of conduction electrons and nuclear magnetic moments in metallic Na—66
Klick, Clifford C. (see Russell, George A.)—1473
Klinkenberg, P. F. A. (see van Kleef, Th. A. M.)—489(L)
Knapp, Myron W. and Wilson M. Powell. Negative pions from neutron bombardment of deuterons—1010
Koehler, J. S. (see Sosin, A.)—972
Koerts, L. (see Benczer, N.)—1027
Kohn, W. (see Kjeldaas, T., Jr.)—66
Kovacs, Julius S. Meson production in nucleon-nucleon collisions at high energies—397
Krag, W. E. (see Bullis, W. M.)—580
Kraichnan, Robert H. Possibility of unequal gravitational and inertial masses—482
Kraus, Alfred A., Jr. (see Bonner, T. W.)—209
Kraushaar, J. J., E. Brun, and W. E. Meyerhof. Decay scheme of Ga^{72}—139
Kroll, Norman M. (see Wichmann, Eyvind)—843
Kronenberg, Stanley and Carl A. Accardo. Dielectric changes in inorganic phosphors—989
Kruse, U. E., J. M. Teem, and N. F. Ramsey. p-p scattering from 40 to 95 Mev—1079
Kulin, S. A. (see Kurtz, A. D.)—1285
Kurath, Dieter. Intermediate coupling in 1p-shell—216
Kurşunoğlu, Behram. Transformation of relativistic wave equations—1419
Kurtz, A. D., S. A. Kulin, and B. L. Averbach. Effect of dislocations on minority carrier lifetime in semiconductors—1285
Kusch, P. Further observations of multiple-quantum transitions. Saturation effects in rf transitions—627
—— (see Heberle, Juergen W.)—612

Lamb, Willis E., Jr. (see Wheeler, John A.)—1836(E)
Landon, H. H. (see Igo, G.)—726
Lange, C. F. (see Kaiser, W.)—1264
Lannutti, Joseph E., Warren W. Chupp, Gerson Goldhaber, Sulamith Goldhaber, Ehsan Helmy, Edwin L. Iloff, Aihud Pevsner, and David M. Ritson. Interaction of positive K mesons—1617(L)
Lawson, R. D. Bound states and low-energy neutron scattering—311
Lazar, N. H., E. Eichler, and G. D. O'Kelley. Nuclear levels in Sr^{88} from disintegration of Rb^{88} and Y^{88}—727
—— (see Lyon, W. S.)—1524
—— (see O'Kelley, G. D.)—1059
Lazarus, J. P. (see Gluckstern, R. L.)—175
Leachman, R. B. Emission of prompt neutrons from fission—1005
Leder, Lewis B., H. Mendlowitz, and L. Marton. Comparison of characteristic energy losses of electrons with fine structure of x-ray absorption spectra—1460
Lee, T. D. (see Henley, E. M.)—1536
Lehmann, Willi. Frequency dependence of electroluminescent brightness of impurity-quenched phosphors—489(L)
Leider, Herman R. Effect of x-irradiation on surface structure of NaCl crystals—56
Leivo, William J. (see Smith, Walter J.)—37
Lemonick, A. (see Christensen, R. L.)—1389
Lepore, Joseph V. Isotopic spin of antiparticles—1206
Levin, J. S. and D. J. Hughes. Radiation widths of nuclear energy levels—1328
Levinger, J. S. Integrated photonuclear cross section—733
—— (see Payne, W. B.)—1020
Lewis, H. W. Superconductivity and electronic specific heat—939
Lewis, M. B. and A. J. F. Siegert. Extension of condensation theory of Yang and Lee to pressure ensemble—1227
Lewis, R. H. (see Smith, R. R.)—1053
Lewis, T. J. Theoretical interpretation of field emission experiments—1694
Li, Yin-Yuan. Domain walls in antiferromagnets and weak ferromagnetism of α-Fe_2O_3—1450
Libby, W. F. (see Currie, Lloyd A.)—1557
Lidiard, A. B. (see McCombie, C. W.)—1210(L)
Lifshitz, Jaime (see Gall, Ruth)—1821
Lind, D. A. (see Van Loef, J. J.)—103
Lindqvist, T. (see Glauber, R. J.)—905(L)
Lingenfelter, R. E. Shell structure effects on spontaneous fission half-life—1615(L)
Linsley, John. Čerenkov counter measurement of multiply charged cosmic rays—826
Loferski, J. J. (see Jenny, D. A.)—1208(L)
Logan, R. A. Thermally-induced acceptors in Ge—1455
Long, Donald. Effects of pressure on electrical properties of semiconductors—1256
Longdon, L. W. (see Hope, J.)—710
Lönsjö, O. M. (see Ager-Hanssen, H.)—1779
—— (see Taylor, H. L.)—1835(E)
Love, W. A. (see Siegel, R. T.)—838

Low, F. E. (see Chew, G. F.)—1570; 1579
Low, W. Paramagnetic resonance spectra of some ions of *3d* and *4f* shells in cubic crystalline fields—1827(L)
Löwdin, Per-Olov and Harrison Shull. Natural orbitals in quantum theory of two-electron systems—1730
Ludwig, G. W. and R. L. Watters. Drift and conductivity mobility in Si—1699
Lurio, A. and A. G. Prodell. Hfs separations and hfs anomalies in the $^2P_{1/2}$ state of Ga^{69}, Ga^{71}, Tl^{205}, and Tl^{206}—79
Lyon, W. S. and N. H. Lazar. Decay of Mg^{27}—1524

MacDonald, William M. Isotopic spin impurity in light nuclei. II. Shell model—271
Maeder, D. (see Gerber, H. J.)—774
Maenchen, George (see Fowler, William B.)—911(L)
Malmberg, Philip R. Elastic scattering of protons from Li^7—114
Malvano, R. (see Bonfiglioli, G.)—1281
Mandeville, C. E. (see Albrecht, H. O.)—1250
—— (see Potnis, V. R.)—753
Manfredini, A. (see Chamberlain, O.)—909(L)
Mann, A. K. Elastic scattering of γ-rays—4
Many, A., Y. Margoninski, E. Harnik, and E. Alexander. Relaxation effects in recombination velocity on Ge surfaces under transverse electrostatic fields—1433(L)
—— (see Harnik, E.)—1434(L)
Margoninski, Y. (see Harnik, E.)—1434(L)
—— (see Many, A.)—1433(L)
Marion, J. B., R. M. Brugger, and R. A. Chapman. Cross section for $Si^{28}(n,p)Al^{28}$ reaction—247
—— **and Richard A. Chapman.** Low-lying level structure of Zn^{66} nucleus—283
—— (see Bonner, T. W.)—209
—— (see Harlow, M. V.)—214
Maris, Th. A. J. Fission theory and semiempirical mass formula—147
—— Generalization of liquid drop model of fission—502(L)
Mark, Hans and Clark Goodman. Angular distribution of neutrons from $O^{18}(p,n)F^{18}$—768
Martin, D. W., M. K. Brice, J. M. Cork, and S. B. Burson. Decay of radioactive Ce^{143} (33.4 hr)—182
—— (see Cork, J. M.)—1042
Martin, H. C. (see Diven, B. C.)—1012
Martin, P. C. (see Glauber, R. J.)—905(L)
Martinelli, Ernest A. (see Benveniste, J.)—655
Marton, L. (see Leder, Lewis B.)—1460
Masek, G. E. and W. K. H. Panofsky. Evidence for electromagnetic production of μ-mesons—1094
Maslin, E. E. (see Jaffe, A. A.)—501(L)
Mason, W. P. Comments on Weertman's dislocation relaxation mechanism—1430(L)
Matland, C. G. (see McCoubrey, A. O.)—603
Matossi, Frank. Polarization effects of brightness waves of electroluminescence—1835(E)
Matthews, P. T. (see Feldman, G.)—1212(L)
Matthias, B. T. (see Holden, A. N.)—962
Mayer, Joseph E. (see Sarolea, Liliane)—1627
Mazari, M. (see Buechner, W. W.)—188
McClure, J. W. Field dependence of magnetoconductivity—1642
McCombie, C. W. and A. B. Lidiard. Ratio of ionic conductivity to tracer diffusion in interstitialcy migration—1210(L)
McCoubrey, A. O. and C. G. Matland. Diffusion of metastable Hg molecules—603
—— (see Biondi, M. A.)—1427(L)
McEllistrem, M. T. (see Benenson, R. E.)—308
McGinnies, Rosemary T. and Laurens Jansen. Validity of assumption of two-body interaction in molecular physics. I—1301
McHale, J. L. (see Biedenharn, L. C.)—622
McKeown, M. (see der Mateosian, E.)—967
Mech, J. F. (see Andre, C. G.)—645
Meiboom, S. (see Abeles, B.)—544
Meissner, Hans. Paramagnetic effect in superconductors. II. Further theoretical aspects—31; III. Measurements on hollow cylinders of Hg and Sn—1660
—— (see Bedard, Fernand)—26
Melkanoff, Michel A., S. A. Moszkowski, John Nodvik, and David S. Saxon. Energy dependence of optical model parameters—507(L)
Mendlowitz, H. (see Leder, Lewis B.)—1460
Merz, W. J. (see Holden, A. N.)—962
Meshkov, S. and C. W. Ufford. Application of Bacher-Goudsmit method to nuclear spectra—734
Metzger, Franz R. Nuclear resonance fluorescence in Ge^{72} and Ge^{74}—286
Meyerhof, W. E. (see Kraushaar, J. J.)—139
Millburn, George P. (see Crandall, Walter E.)—329
Miller, D. W., B. M. Carmichael, U. C. Gupta, V. K. Rasmussen, and M. B. Sampson. Scattering of 22-Mev α particles by N^{14}—740
Mills, R. L. and E. R. Grilly. Melting curves of H_2, D_2, and T_2 up to 3500 kg/cm^2—1246
Mitchell, A. H. (see Kittel, C.)—1611(L)
Mitchell, Allan C. G. (see Graves, William E.)—701
Miyazawa, H. Anomalous magnetic moment of nucleon and pion-nucleon scattering—1564
Moak, C. D. and W. R. Wisseman. Energy levels of Be^8—1326
Mohler, N. (see Fung, S.)—493(L)
Momyer, F. F., Jr., and E. K. Hyde. Properties of Em^{221}—136
Mooser, E. and W. B. Pearson. Chemical bond in semiconductors—1608(L)
—— **and W. B. Pearson.** New semiconducting compounds—492(L)
Morinaga, H. (α,γ) reaction—100
—— Interpretation of some excited states of $4n$ self-conjugate nuclei—254
Morita, Masato (see Kikuta, Takashi)—509(L)
Moriya, Tôru. Nuclear magnetic relaxation in antiferromagnetics—1435(L)
Morrison, P. Solar origin of cosmic-ray time variations—1397
Morse, R. W., P. Tamarkin, and H. Bohm. Ultrasonic attenuation in superconducting In—1610(L)
Moss, T. S. and T. H. Hawkins. Recombination radiation from InSb—1609(L)
Moszkowski, S. A. (see Melkanoff, Michel A.)—507(L)
Motley, R. (see Fitch, V.)—496(L)
Moyer, Burton J. (see Brabant, John M.)—498(L)
—— (see Hess, Wilmot N.)—337
Muehlhause, C. O. (see der Mateosian, E.)—967
Muñoz, M. Garcia (see Gerber, H. J.)—774
Murray, Joseph J. (see Brabant, John M.)—498(L)

Nambu, Yoichiro. Renormalization constants—1183
—— Structure of Green's functions in quantum field theory. II—459
Narayan, D. S. Lateral structure of extensive air showers—1815
Neuman, M. (see Gasiorowicz, S.)—922
Neustadter, S. F. (see Pratt, G. W., Jr.)—1248
Newton, Roger G. Scattering theory—1588
—— (see Reifman, Alfred)—877
Nijgh, G. J. (see Nussbaum, R. H.)—905(L)
Nodvik, John (see Melkanoff, Michel A.)—507(L)
Nordhagen, R. (see Ager-Hanssen, H.)—1779

Norman, R. J. Influence of earth's magnetic field on air showers—1405
Nowick, A. S. (see Gordon, R. B.)—977
Noyes, H. P. Effect of failure of isotopic spin conservation on pion-nucleon S waves—320
Nussbaum, R. H., A. H. Wapstra, W. A. Bruil, M. J. Sterk, G. J. Nijgh, and N. Grobben. Decay of Co^{61} and Cu^{61}—905(L)

Oetjen, Robert A. (see Yoshinaga, Hiroshi)—526
O'Friel, Z. and A. H. Weber. Internal conversion coefficients of Ba^{134}, V^{51}, and Tl^{208}—1076
O'Kelley, G. D., N. H. Lazar, and E. Eichler. Decay chain Ca^{49}-Sc^{49}-Ti^{49}—1059
—— (see Lazar, N. H.)—727
Oleksa, Sophie. Clouded crystal ball analysis of inelastic scattering cross section of neutron into isomeric level $(13/2^+)$ of $_{82}Pb^{207}$—1034
Orear, J. (see Harris, G.)—1213(L)
Osborne, L. S. (see Hill, R. D.)—1127
Overhauser, Albert W. Multiplet structure of excitons in ionic crystals—1702
Owen, George E. (see Chagnon, Paul R.)—1798

Panofsky, W. K. H. (see Masek, G. E.)—1094
Parzen, George (see Keiffer, David G.)—1244
Patel, J. R. Delay time of plastic flow in Ge—1436(L)
Payne, W. B. and J. S. Levinger. Relativistic radiative transitions—1020
Pearson, W. B. (see Mooser, E.)—492(L); 1608(L)
Peed, William F. (see Rogosa, George L.)—591
Percus, Jerome K. and George J. Yevick. Dynamical considerations on new approach to many-body problem—1192
—— (see Yevick, George J.)—1186
Pettus, William G., Henry G. Blosser, and Frank L. Hereford. Scattering of 200-kev electrons in Au—17
Pevsner, Aihud (see Fung, S.)—493(L)
—— (see Hill, R. D.)—1127
—— (see Lannutti, Joseph E.)—1617(L)
—— (see Ritson, D. M.)—1085
—— (see Williams, Ross)—412
Phillips, James (see Blount, Eugene)—563
Phillips, P. R. (see Gugelot, P. C.)—1614(L)
Piddington, J. H. Growing electric space-charge waves and Haeff's electron-wave tube—14
—— Growing electromagnetic waves—9
Pieper, G. F. and G. S. Stanford. $B^{10}+\alpha$ reactions—672
Pipkin, F. M. (see Christensen, R. L.)—1389
Plebanski, J. Wave functions of harmonic oscillator—1825
Pohm, A. V., R. C. Waddell, and E. N. Jensen. Small-order effects in β spectra—1315
Porges, Karl G. α excitation functions of Ag and Cu—225
Potnis, V. R., C. E. Mandeville, and J. S. Burlew. Radiations from four radioactive isotopes of Pt—753
Powell, Wilson M. (see Fowler, William B.)—911(L)
—— (see Knapp, Myron W.)—1010
Pratt, G. W., Jr., and S. F. Neustadter. Maximal orthogonal orbitals—1248
Prener, J. S. and F. E. Williams. Associated donor-acceptor luminescent centers—1427(L)
Primak, W. and H. Szymanski. Radiation damage in vitreous silica: Annealing of density changes—1268
Pringle, R. W. (see Standil, S.)—1395
Proctor, W. G. and W. H. Tanttila. Influence of ultrasonic energy on relaxation of Cl nuclei in $NaClO_3$—1757
Prodell, A. G. (see Lurio, A.)—79
Purser, K. H. (see Bogle, G. S.)—246
Pyle, Robert V. (see Crandall, Walter E.)—329
—— (see Hicks, Donald A.)—1016

Quinton, A. R. and W. T. Doyle. (α,n) type reactions in light nuclei—669

Rainwater, James (see Williams, Ross)—412
Ramler, W. J. (see Andre, C. G.)—645
Ramsey, N. F. (see Kruse, U. E.)—1079
Rappaport, P. (see Jenny, D. A.)—1208(L)
Rasmussen, John O., Jr. (see Hoff, Richard W.)—280
Rasmussen, V. K. (see Miller, D. W.)—740
Rauh, E. G. (see Andre, C. G.)—645
Ravenhall, D. G. (see Hahn, Beat)—1131
Rawitscher, George H. Effect of finite size of nucleus on μ-pair production by γ rays—423
Ray, Ernest C. Effects of ring current on cosmic radiation—1142
Redfield, Alfred G. Nuclear spin-lattice relaxation time in Cu and Al—67
Rediker, R. H. (see Thomas, J. E., Jr.)—984
Redmond, P. J. First 0^+ level in C^{12} and O^{16}—751
Reich, Haskell A. (see Heberle, Juergen W.)—612
Reich, K. H. Ferromagnetic resonance absorption in Ni single crystal at low temperatures—1647
Reifman, Alfred, Bryce S. DeWitt, and Roger G. Newton. Relations between bound state problems and scattering theory—877
Remeika, J. P. (see Holden, A. N.)—962
Reynolds, Charles A. (see Forstat, Harold)—513
Reynolds, H. L. and A. Zucker. Nuclear reactions produced by N on N—166
Reynolds, J. B. and K. G. Standing. Angular distributions of deuterons from (p,d) reactions in light nuclei. II. Li, Be, B, F, and Al—158
—— (see Christensen, R. L.)—1389
Richardson, J. Reginald (see Green, David)—776
Rickey, M. (see Gugelot, P. C.)—1613(L)
Riddell, R. J., Jr. (see Gasiorowicz, S.)—922
Ritson, D. M., A. Pevsner, S. C. Fung, M. Widgoff, G. T. Zorn, S. Goldhaber, and G. Goldhaber. Characteristics of K^+-particles—1085
—— (see Fung, S.)—493(L)
—— (see Hill, R. D.)—1127
—— (see Lannutti, Joseph E.)—1617(L)
Rittner, Edmund S. Simultaneous transport of heavy and light holes in semiconductors with degenerate valence band—1291
Robbins, A. B. $Li^7(\alpha,n)B^{10}$ reaction—1373
—— (see Doyle, W. T.)—1056
Roberts, B. W. (see Kasper, J. S.)—537
Robinson, Berol L. (see Beggs, William C.)—149
Rocklin, S. R. (see Andre, C. G.)—645
Rogosa, George L. and William F. Peed. L x-ray energies of Np, Pu, and Am—591
Rohrlich, F. Analysis of first short period and its isoelectronic sequences—69
Rosengren, J. W. and N. Baron. Elastic photoproduction of π^0 mesons from D—410
Rourke, F. M. (see White, F. A.)—1786
Ruderman, Malvin A. (see Bludman, Sidney A.)—910(L)
Russell, George A. and Clifford C. Klick. Configuration coordinate curves for F-centers in alkali halide crystals—1473
Russell, J. E. (see Breit, G.)—1504

Salant, E. O. (see Hill, R. D.)—1127
Salwen, Harold. Resonance transitions in molecular beams experiments. II. Averages over velocity distribution—621
—— Theory of multiple-quantum transitions in ground state of K^{39}—623
Sampson, M. B. (see Miller, D. W.)—740

Sandri, G. Influence of "new unstable particles" on electromagnetic properties of nucleons—1616(L)
Saphir, George (see Fowler, William B.)—911(L)
Sapp, R. C. (see Jastram, P. S.)—1381
Sarolea, Liliane and Joseph E. Mayer. Integral equation method in theory of liquids—1627
Sawamoto, K. (see Yamaka, E.)—565
Saxon, David S. (see Melkanoff, Michel A.)—507(L)
Scarf, F. L. (see Geffen, D. A.)—1829(L)
Scharenberg, R. P., M. G. Stewart, and M. L. Wiedenbeck. Directional correlation of γ rays from Sn^{116}—689
Schawlow, A. L. Structure of intermediate state in superconductors—573
Schecter, Larry (see Ellis, R. E.)—636
Schmid, L. C. (see Cork, J. M.)—1042
Schneps, J. (see Fry, W. F.)—1526
Schrank, G. (see Dayton, I. E.)—1358
Schriever, Barbara Dwight (see Whalin, E. A.)—377
Schumacher, Robert T. and Charles P. Slichter. Electron spin paramagnetism of Li and Na—58
Schwartz, R. B., J. W. Corbett, and W. W. Watson. α-particle bombardment of A^{36} and A^{40}—1370
Segrè, E. (see Chamberlain, O.)—909(L)
Seliger, H. H., C. A. Ziegler, and I. Jaffe. Role of O_2 in quenching of liquid scintillators—998
Selove, W. (p,d) pickup deuteron measurements at 95 Mev—231
Sharma, J. Thermoluminescence properties of some alkali halides—1295
Sharp, Rodman A., Richard M. Diamond, and Geoffrey Wilkinson. Nuclear reactions of Co with protons from 0–100 Mev energy—1493
Shephard, W. D. (see Walker, W. D.)—1810
Sherman, Noah (see Bjorklund, F. E.)—1832(L)
—— (see Culler, Glen)—1047
Shull, Harrison (see Löwdin, Per-Olov)—1730
Siegel, Armand and Norbert Wiener. "Theory of measurement" in differential-space quantum theory—429
Siegel, R. T., A. J. Hartzler, and W. A. Love. Scattering of polarized neutrons from protons at 350 Mev—838
Siegert, A. J. F. (see Lewis, M. B.)—1227
Singh, J. J. (see Broude, C.)—1052
Sirlin, A. Angular distribution of betatron target radiation—1219
—— (see Behrends, R. E.)—866
Slichter, Charles P. (see Schumacher, Robert T.)—58
Smart, J. Samuel. Application of Bethe-Weiss method to ferrimagnetism—585
Smith, Alan W. Effect of neutron bombardment on ZnS phosphor—1263
Smith, R. R., N. P. Alley, R. H. Lewis, and A. Vander-Does. Neutron absorption cross sections of Pa^{231} and Pa^{232}—1053
Smith, W. G. and J. M. Hollander. Conversion electron spectra of Cm^{242} and Cm^{244}—746
Smith, Walter J., William J. Leivo, and R. Smoluchowski. Surface studies of x-ray irradiated KCl crystals—37
Smoluchowski, R. (see Smith, Walter J.)—37
Sochard, I. (see Sommers, H. S., Jr.)—987
Sommers, H. S., Jr., R. E. Berry, and I. Sochard. Photoelectromagnetic effect in insulating CdS—987
—— (see Goldstein, Louis)—1235
Sosin, A. and J. S. Koehler. Electrical resistivity tensor for Al single crystals deformed at He temperature—972
Speck, David Ralph. Hfs and nuclear moments of Gd—1725
—— **and F. A. Jenkins.** Nuclear moments of Hf^{177} and Hf^{179}—1831(L)
Sperduto, A. (see Buechner, W. W.)—188
Spitzer, W. (see Fan, H. Y.)—566
Standil, S. and R. W. Pringle. Scintillation spectrometer study of cosmic radiation at great depths—1395
Standing, K. G. Angular distributions of deuterons from (p,d) reactions in light nuclei. I. N—152
—— (see Reynolds, J. B.)—158
Stanford, G. S. (see Pieper, G. F.)—672
Statz, H., G. A. deMars, L. Davis, Jr., and A. Adams, Jr. Surface states on Si and Ge surfaces—1272
Steinberg, E. P. (see Flynn, K. F.)—1492
Steiner, Herbert and John A. Jungerman. Proton-induced fission cross sections for U^{238}, U^{235}, Th^{232}, Bi^{209}, and Au^{197} at 100 to 340 Mev—807
Sterk, M. J. (see Nussbaum, R. H.)—905(L)
Stern, M. O. (see Ashkin, J.)—1149
Sternheimer, R. M. Total cross sections for scattering and absorption of pions by nuclei—384
Stevenson, M. Lynn (see Alvarez, Luis W.)—503(L)
Stewart, M. G. (see Scharenberg, R. P.)—689
Stroke, H. H. (see Christensen, R. L.)—1389
Suganomata, S. (see Takemoto, S.)—772
Sugarman, Nathan, Milton Campos, and Karoline Wielgoz. Recoil studies of high-energy proton reactions in Bi—388
Sugihara, T. T. and I. Halpern. Photonuclear yields from As at 140 Mev and 320 Mev—1768
Suhl, H. Subsidiary absorption peaks in ferromagnetic resonance at high signal levels—1437(L)
—— (see Clogston, A. M.)—903(L)
Suri, S. K. (see Graves, William E.)—1368
Swami, M. S. (see Fry, W. F.)—1526
Swiatecki, W. J. Deformation energy of charged drop. I. Qualitative features—651
—— Perturbation treatment of many-body problem—1321
—— Systematics of fission thresholds—97
Szymanski, H. (see Primak, W.)—1268

Taft, Horace D. Scattering of 217-Mev positive pions on H—1116
Takeda, Gyo. Branching ratio for alternative modes of decay of hyperons and θ^0 mesons—1547
Takemoto, S., T. Dazai, R. Chiba, S. Suganomata, and S. Ito. Angular distribution of proton groups from reaction $F^{19}(d,p)F^{20}$—772
Tamarkin, P. (see Morse, R. W.)—1610(L)
Tanttila, W. H. (see Proctor, W. G.)—1757
Taschek, R. F. (see Diven, B. C.)—1012
Taylor, H. L., O. Lönsjö, and T. W. Bonner. Nonelastic scattering cross sections for fast neutrons—1835(E)
Taylor, S. (see Harris, G.)—1213(L)
Teem, J. M. (see Kruse, U. E.)—1079
Teller, Edward (see Duerr, Hans-Peter)—494(L)
Temmer, G. M. (see Ambler, E.)—196
Terrell, J. (see Diven, B. C.)—1012
Thaler, R. M. (see Biedenharn, L. C.)—622
Thieme, M. T. and E. Bleuler. Conversion of Pt^{196} γ rays—1031
Thomas, J. E., Jr., and R. H. Rediker. Effect of electric field on surface recombination velocity in Ge—984
Thomas, R. G., M. Walt, R. B. Walton, and R. V. Allen. Spin dependence of s-wave neutron interaction with Li^7—759
Tinkham, M. Cyclotron resonance in Bi—902(L)
Tollestrup, A. V. (see Keck, J. C.)—360
—— (see Watson, K. M.)—1159
Toppel, B. J., D. H. Wilkinson, and D. E. Alburger. Low-lying states of F^{19}: Reaction $F^{19}(p,p')F^{19}$—1485
—— (see Wilkinson, D. H.)—673

Treiman, S. B. Method for determining spins of hyperons —1217(L)
—— **and H. W. Wyld, Jr.** Decay of π-meson—1552
—— (see Ballam, J.)—1438(L)
Triebwasser, S. Behavior of ferroelectric $KNbO_3$ in vicinity of cubic-tetragonal transition—993
True, W. W. Shell theory and collective theory for Pb isotopes—1342
Turner, W. J. Photoemission from Ag into NaCl, TlCl, and TlBr—1653

Überall, H. Hyperfragment production—1612(L)
Ufford, C. W. (see Meshkov, S.)—734
Urquhart, Helen M. A. and J. E. Goldman. Magnetostrictive effects in antiferromagnetic hematite crystal—1443
Utiyama, Ryoyu. Invariant theoretical interpretation of interaction—1597

VanderDoes, A. (see Smith, R. R.)—1053
van Kleef, Th. A. M. and P. F. A. Klinkenberg. Structure of Ta I—489(L)
Van Loef, J. J. and D. A. Lind. Measurements of inelastic scattering cross sections for fast neutrons—103
van Roosbroeck, W. Theory of photomagnetoelectric effect in semiconductors—1713
Vegors, Stanley H., Jr., and Peter Axel. Seven new isomers with half-lives between 10^{-6} and 10^{-1} sec—1067
Vermilyea, D. A. (see Bean, C. P.)—551
Vogt, Erich. Nucleon-core polarization in calculation of strength function—1792
—— (see Herring, Conyers)—944
Voigt, A. F. (see Day, M. C., Jr.)—1784

Waddell, R. C. (see Pohm, A. V.)—1315
Walker, L. R. (see Clogston, A. M.)—903(L)
Walker, R. L. (see Watson, K. M.)—1159
Walker, W. D. and W. D. Shephard. Angular correlations in associated production—1810
—— (see Hill, R. D.)—1127
Wallace, Roger (see Brabant, John M.)—498(L)
Walske, M. C. Stopping power of L-electrons—940
Walt, M. (see Thomas, R. G.)—759
Walton, R. B. (see Thomas, R. G.)—759
Wangsness, Roald K. Magnetic resonance and principle of minimum entropy production—1
Wannier, Gregory H. Possibility of Zener effect—1835(E)
Wapstra, A. H. (see Nussbaum, R. H.)—905(L)
Warren, J. B., T. K. Alexander, and G. B. Chadwick. Reaction $Li^6(p,\gamma)Be^7$—242
Watson, Kenneth M., J. C. Keck, A. V. Tollestrup, and R. L. Walker. Partial wave analysis of experimental photomeson cross sections—1159
—— (see Frank, R. M.)—891
Watson, W. W. (see Corbett, J. W.)—519
—— (see Schwartz, R. B.)—1370
Wattenberg, A. (see Guernsey, Janet B.)—1516
Watters, R. L. (see Ludwig, G. W.)—1699
Webb, Francis H., Warren W. Chupp, Gerson Goldhaber, and Sulamith Goldhaber. Ratio of K^- mass to K^+ mass—1215(L)
Weber, A. H. (see O'Friel, Z.)—1076
Weber, J. Exact quantum theory solution for damped harmonic oscillator—1619
—— Fluctuation dissipation theorem—1620
Weertman, J. Mason's dislocation relaxation mechanism—1429(L)
Wegner, H. E. (see Igo, G.)—1508
Wentzel, Gregor. Branching ratios in hyperon and heavy-meson decays—505(L)
—— Heavy-meson decays and selection rule $|\Delta I| \leqslant 1/2$—1214
—— Λ^0 binding in light nuclei—835
Wenzel, William A. (see Brabant, John M.)—498(L)
West, Harry I., Jr. Measurement of low-energy γ-ray pair cross sections in scintillators using scintillation pair spectrometer—915
Westphal, W. C. (see Haynes, J. R.)—1676
Whalin, E. A., Barbara Dwight Schriever, and A. O. Hanson. Photodistintegration of deuterium by 60- to 250-Mev x-rays—377
Wheeler, John A. and Willis E. Lamb, Jr. Influence of atomic electrons on radiation and pair production—1836(E)
White, F. A., T. L. Collins, and F. M. Rourke. Search for possible naturally occurring isotopes of low abundance —1786
Wichmann, Eyvind and Norman M. Kroll. Vacuum polarization in strong Coulomb field—843
Wick, G. C. (see Cutkosky, R. E.)—1830(L)
Widgoff, M. (see Hill, R. D.)—1127
—— (see Ritson, D. M.)—1085
Wiedenbeck, M. L. (see Scharenberg, R. P.)—689
Wiegand, C. (see Chamberlain, O.)—909(L)
Wielgoz, Karoline (see Sugarman, Nathan)—388
Wiener, Norbert (see Siegel, Armand)—429
Wightman, A. S. Quantum field theory in terms of vacuum expectation values—860
Wiig, Edwin O. (see Heininger, Clarence G.)—1074
Wilets, Lawrence. Neutron and proton densities in nuclei —1805
—— (see Berg, Roy A.)—201
—— (see Chase, David M.)—1038
Wilkinson, D. H., B. J. Toppel, and D. E. Alburger. 2^- state at 8.87 Mev in O^{16}—673
—— (see Toppel, B. J.)—1485
Wilkinson, Geoffrey (see Sharp, Rodman A.)—1493
Willard, H. B., J. K. Bair, J. D. Kington, and H. O. Cohn. Elastic scattering of neutrons by Li^6 and Li^7—765
Williams, F. E. (see Prener, J. S.)—1427(L)
Williams, Ross, James Rainwater, and Aihud Pevsner. 78-Mev π^+ meson scattering from Li—412
Willmott, J. C. (see Broude, C.)—1052
Willoughby, Dora Sherman. Interactions of 380-Mev α particles in nuclear track emulsion—324
Wisseman, W. R. (see Moak, C. D.)—1326
Wolfenstein, L. Charge independence and polarization experiments—427
Wolfgang, Richard L. (see Currie, Lloyd A.)—1557
Wollan, E. O. (see Good, W. M.)—249
Woods, Roger D. (see Berman, Sam)—1467
Wright, Robert W. (see Fowler, William B.)—911(L)
Wu, C.-S. (see Benczer, N.)—1027
—— (see Glauber, R. J.)—905(L)
Wyld, H. W., Jr. (see Treiman, S. B.)—1552

Yamada, Masami (see Kikuta, Takashi)—509(L)
Yamaka, E. and K. Sawamoto. Photoinduced Hall effect in MgO—565
Yang, C. N. (see Case, K. M.)—358; 874
Yekutieli, G., M. F. Kaplon, and T. F. Hoang. Nature of neutral particles in $K_{\mu 3}$ decay—506(L)
—— (see Hoang, T. F.)—1834(L)
Yevick, George J. and Jerome K. Percus. New approach to many-body problem—1186
—— (see Percus, Jerome K.)—1192
Yockey, Hubert P. Use of thermocouples in radiation field —1426(L)

Yokota, Ryosuke. Color centers in alkali silicate glasses containing alkaline earth ions—522
Yoshinaga, Hiroshi and Robert A. Oetjen. Optical properties of InSb in region from 20 to 200 microns—526
Zachariasen, Fredrik. Photodisintegration of deuteron—371
Zemach, A. C. and R. J. Glauber. Dynamics of neutron scattering by molecules—118
—— **and R. J. Glauber.** Neutron diffraction by gases—129
Ziegler, C. A. (see Seliger, H. H.)—998
Zorn, G. T. (see Ritson, D. M.)—1085
Zucker, A. (see Reynolds, H. L.)—166

PHYSICAL REVIEW VOLUME 101, NUMBER 6 MARCH 15, 1956

Analytic Subject Index to Volume 101

References with (L) are to Letters to the Editor; references with (E) are to Errata. Items are listed under the following categories:

Acoustics
Astrophysics
Atomic and Molecular Beams
Atomic Mass and Abundance
Atomic Structure and Spectra
Biophysics
Chemical Effects and Properties
Constants, Standards, Units
Cosmic Radiation
Crystalline State
Dielectrics and Dielectric Properties
Diffraction
Diffusion
Elasticity and Plasticity
Electrical Conductivity and Resistance
Electrical Discharges
Electrical Properties
Electromagnetic Theory and Electrodynamics
Electrons and Positrons
Elementary Particle Interactions
Errata
Field Theory
Films, Properties
Fluid Dynamics
Gamma Rays
Gases
Geophysics
Helium, Liquid
Imperfections in Solids
Ionization
Ions
Ions and Electrons, Mobility
Liquids
Luminescence
Magnetic Properties
Magnetic Resonance
Mathematical Methods
Mechanics
Mesons and Hyperons
Methods and Instruments
Microwaves
Miscellaneous
Molecular Aggregates
Molecular Structure and Spectra
Neutrino
Noise
Nuclear Fission
Nuclear Moments and Spin
Nuclear Photoeffects
Nuclear Reactions, General
Nuclear Reactions Induced by α Particles and He^3
Nuclear Reactions Induced by Deuterons and Tritons
Nuclear Reactions Induced by Mesons and Hyperons
Nuclear Reactions Induced by Neutrons
Nuclear Reactions Induced by Protons
Nuclear Spectra
Nuclear Structure Theory
Optical Properties
Quantum Electrodynamics
Quantum Mechanics
Radiation
Radioactivity
Range and Energy Loss of Particles
Relativity and Gravitation
Scattering, General
Scattering of α Particles
Scattering of Deuterons and Tritons
Scattering of Electrons and Positrons
Scattering of Mesons and Hyperons
Scattering of Neutrons
Scattering of Protons
Semiconductors
Spectra, General
Statistical Mechanics and Thermodynamics
Superconductivity
Thermal Properties
X-Rays

Absorption of Radiation (see **Radiation**)
Acoustics
Influence of ultrasonic energy on relaxation of Cl nuclei in $NaClO_3$, W. G. Proctor and W. H. Tanttila—1757
Ultrasonic attenuation in superconducting In, R. W. Morse, P. Tamarkin, and H. Bohm—1610(L)
Adsorption (see **Gases**)
Aerodynamics (see **Fluid Dynamics**)
Afterglow (see **Electrical Discharges**)
Alloys (see **Crystalline State**)
Annihilation (see **Electrons and Positrons**)
Antiferroelectric Phenomena (see **Dielectrics and Dielectric Properties**)
Antiferromagnetism (see **Magnetic Properties**)
Antiprotons (see **Elementary Particle Interactions**)
Arcs (see **Electrical Discharges**)
Astrophysics
Halo of radio emission and origin of cosmic rays, G. R. Burbidge—906(L)
Modified Fermi mechanism for acceleration of cosmic rays, Leverett Davis, Jr.—351
Origin of cosmic radiations, C. Y. Fan—314
Solar origin of cosmic-ray time variations, P. Morrison —1397
Atmosphere (see **Geophysics**)
Atomic and Molecular Beams
Further observations of multiple-quantum transitions. Saturation effects in rf transitions, P. Kusch—627
Hfs of metastable H atom, Juergen W. Heberle, Haskell A. Reich, and P. Kusch—612
Hfs separations and hfs anomalies in the $^2P_{1/2}$ state of Ga^{69}, Ga^{71}, Tl^{203}, and Tl^{205}, A. Lurio and A. G. Prodell—79
Resonance transitions in molecular beams experiments. II. Averages over velocity distribution, Harold Salwen—621
Spins and hfs separations of radioactive Au^{198} and Au^{199}, R. L. Christensen, D. R. Hamilton, A. Lemonick, F. M. Pipkin, J. B. Reynolds, and H. H. Stroke—1389
Theory of multiple-quantum transitions in ground state of K^{39}, Harold Salwen—623
Atomic Mass and Abundance
Masses of light nuclei, J. E. Drummond—1835(E)
Search for possible naturally occurring isotopes of low abundance, F. A. White, T. L. Collins, and F. M. Rourke—1786
Atomic Structure and Spectra
Analysis of first short period and isoelectronic sequences, F. Rohrlich—69

Back-Goudsmit effect in hfs of Na^{23} $3P_{3/2}$ and electric quadrupole interaction coefficient, G. S. Bogle, J. N. Dodd, and K. H. Purser—246
Further observations of multiple-quantum transitions. Saturation effects in rf transitions, P. Kusch—627
Hfs and nuclear moments of Cd, David Ralph Speck—1725
Hfs of metastable H atom, Juergen W. Heberle, Haskell A. Reich, and P. Kusch—612
Hfs separations and hfs anomalies in $^2P_{1/2}$ state of Ga^{69}, Ga^{71}, Tl^{203}, and Tl^{205}, A. Lurio and A. G. Prodell—79
Hfs separations and hfs anomaly in 6 $^3P_{2/3}$ metastable level of Tl^{203} and Tl^{205}, Gordon Gould—1828(L)
Interpretation of spectra of atoms and molecules in solid nitrogen condensed at 4.2°K, C. M. Herzfeld and H. P. Broida—606
Isotope effect in spectrum of In I, D. A. Jackson—1425(L)
Nuclear moments of Hf^{177} and Hf^{179}, D. R. Speck and F. A. Jenkins—1831(L)
Numerical values for H fine structure, John M. Harriman —594
Quantum-electrodynamical fourth order corrections for triplet fine structure of He, Gentaro Araki—1410
Relativistic radiative transitions, W. B. Payne and J. S. Levinger—1020
Spectra emitted from solid nitrogen condensed at 4.2°K from gas discharge, Arnold M. Bass and Herbert P. Broida—1740
Statistical approach to collision processes: Application to atomic excitation, Robert W. Hart, Ernest P. Gray, and William H. Guier—84
Structure of Ta I, Th. A. M. van Kleef and P. F. A. Klinkenberg—489(L)
Theory of multiple-quantum transitions in ground state of K^{39}, Harold Salwen—623

Auger Effect (see **Atomic Structure and Spectra; X-Rays**)
Aurora (see **Astrophysics; Geophysics**)

Barkhausen Effect (see **Magnetic Properties**)
Biophysics
Boson Theory (see **Field Theory**)
Bremsstrahlung (see **Radiation**)
Broadening of Spectral Lines (see **Atomic Structure and Spectra; Molecular Structure and Spectra; Spectra, General**)

Capture Cross Sections (see **Electrons and Positrons; Nuclear Reactions; Radiation**)
Čerenkov Effect (see **Radiation**)
Chemical Effects and Properties
Chemical Reactions (see **Chemical Effects and Properties**)
Chemiluminescence (see **Luminescence**)
Cold Emission (see **Electrical Properties**)
Colloids (see **Chemical Effects and Properties; Molecular Aggregates**)
Compton Effect (see **Radiation**)
Conductivity, Electrical (see **Electrical Conductivity and Resistance**)
Conductivity, Thermal (see **Thermal Properties**)
Constants, Standards, Units
Standard errors of residues in least-squares analysis, E. Richard Cohen—1641
Cosmic Radiation (see also **Mesons and Hyperons**)
Albedo of cosmic rays in earth's dipole and quadrupole magnetic field, Ruth Gall and Jaime Lifshitz—1821
Calculations on cascade theory of showers, S. K. Chakrabarty and M. R. Gupta—813
Čerenkov counter measurement of multiply charged cosmic rays, John Linsley—826
Effects of ring current on cosmic radiation, Ernest C. Ray —1142
Halo of radio emission and origin of cosmic rays, G. R. Burbidge—906(L)
Influence of earth's magnetic field on air showers, R. J. Norman—1405
Lateral structure of extensive air showers, D. S. Narayan —1815
Modified Fermi mechanism for acceleration of cosmic rays, Leverett Davis, Jr.—351
Origin of cosmic radiations, C. Y. Fan—314
Primary cosmic-ray α particles and protons at λ=55°N, L. R. Davis, H. M. Caulk, and C. Y. Johnson—800
Scintillation spectrometer study of cosmic radiation at great depths, S. Standil and R. W. Pringle—1395
Solar origin of cosmic-ray time variations, P. Morrison —1397
Tritium production by high-energy protons, Lloyd A. Currie, W. F. Libby, and Richard L. Wolfgang—1557
Cosmology (see **Astrophysics; Relativity and Gravitation**)
Coulomb Excitation (see **Nuclear Reactions; Nuclear Spectra**)
Critical Potentials (see **Atomic Structure and Spectra; Molecular Structure and Spectra**)
Cross Section (see **Electrons and Positrons; Nuclear Reactions; Radiation; Scattering**)
Crystal Counters (see **Methods and Instruments**)
Crystalline State (see also **Electrical Properties; Imperfections in Solids; Magnetic Properties; Semiconductors; etc.**)
Absorption of light by atoms in solids, D. L. Dexter—48
Cohesive energy of potassium, Sam Berman, Joseph Callaway, and Roger D. Woods—1467
Comparison of characteristic energy losses of electrons with fine structure of x-ray absorption spectra, Lewis B. Leder, H. Mendlowitz, and L. Marton—1460
Configuration coordinate curves for *F*-centers in alkali halide crystals, George A. Russell and Clifford C. Klick —1473
Cyclotron resonance in Bi, M. Tinkham—902(L)
Dynamical considerations on new approach to many-body problem, Jerome K. Percus and George J. Yevick—1192
Effect of x-irradiation on surface structure of NaCl crystals, Herman R. Leider—56
Influence of ultrasonic energy on relaxation of Cl nuclei in $NaClO_3$, W. G. Proctor and W. H. Tanttila—1757
Interaction of conduction electrons and nuclear magnetic moments in metallic Na, T. Kjeldaas, Jr., and W. Kohn —66
Interpretation of spectra of atoms and molecules in solid nitrogen condensed at 4.2°K, C. M. Herzfeld and H. P. Broida—606
Maximal orthogonal orbitals, G. W. Pratt, Jr., and S. F. Neustadter—1248
Mobility in zinc blende and InSb, Walter A. Harrison—903(L)
Multiplet structure of excitons in ionic crystals, Albert W. Overhauser—1702
New approach to many-body problem, George J. Yevick and Jerome K. Percus—1186
Photoelectromagnetic effect in insulating CdS, H. S. Sommers, Jr., R. E. Berry, and I. Sochard—987
Photoinduced Hall effect in MgO, E. Yamaka and K. Sawamoto—565
Possibility of Zener effect, Gregory H. Wannier—1835(E)
Spectra emitted from solid nitrogen condensed at 4.2°K from gas discharge, Arnold M. Bass and Herbert P. Broida—1740
Structure sensitivity of x-ray coloration of NaCl crystals, R. B. Gordon and A. S. Nowick—977
Surface studies of x-ray irradiated KCl crystals, Walter J. Smith, William J. Leivo, and R. Smoluchowski—37

Diamagnetism (see **Magnetic Properties**)
Dielectrics and Dielectric Properties
Behavior of ferroelectric $KNbO_3$ in vicinity of cubic-tetragonal transition, S. Triebwasser—993
Dielectric changes in inorganic phosphors, Stanley Kronenberg and Carl A. Accardo—989
Mobility in zinc blende and InSb, Walter A. Harrison—903(L)
Properties of guanidine aluminum sulfate hexahydrate and some of its isomorphs, A. N. Holden, W. J. Merz, J. P. Remeika, and B. T. Matthias—962
Diffraction (see also **Scattering**)
Dynamics of neutron scattering by molecules, A. C. Zemach and R. J. Glauber—118
Neutron diffraction by gases, A. C. Zemach and R. J. Glauber—129
Transmission of slow neutrons by liquid He^4. II, Louis Goldstein and Henry S. Sommers, Jr.—1235
Diffusion
Diffusion of metastable Hg molecules, A. O. McCoubrey and C. G. Matland—603
Performance of hot-wire thermal diffusion column, J. W. Corbett and W. W. Watson—519
Ratio of ionic conductivity to tracer diffusion in interstitialcy migration, C. W. McCombie and A. B. Lidiard—1210(L)
Self diffusion and conductivity in AgCl, W. Dale Compton—1209(L)
Discharge of Electricity in Gases (see **Electrical Discharges**)
Disintegration and Excitation of Nucleus (see **Nuclear Reactions**)
Dynamics (see **Mechanics**)

Elasticity and Plasticity
Delay time of plastic flow in Ge, J. R. Patel—1436(L)
Electrical resistivity tensor for Al single crystals deformed at He temperature, A. Sosin and J. S. Koehler—972
Photographs of stress field around edge dislocations, W. L. Bond and J. Andrus—1211(L)
Electrical Breakdown (see **Dielectrics and Dielectric Properties; Electrical Discharges**)
Electrical Conductivity and Resistance (see also **Semiconductors; Superconductors**)
Comparison of surface-excited and volume-excited photoconduction in CdS crystals, Richard H. Bube—1668
Electrical resistivity tensor for Al single crystals deformed at He temperature, A. Sosin and J. S. Koehler—972
Field dependence of magnetoconductivity, J. W. McClure—1642
Hall effect and magnetic properties of Armco Fe, Simon Foner—1648
Hall effect in solid solutions, W. F. Flanagan and B. L. Averbach—1441
Ionic conductivity of TaO at very high fields, C. P. Bean, J. C. Fisher, and D. A. Vermilyea—551
Measurements of contact resistance between normal and superconducting metals, Fernand Bedard and Hans Meissner—26
Modulation of conductivity by surface charges in metals, G. Bonfiglioli, E. Coen, and R. Malvano—1281
Photoinduced Hall effect in MgO, E. Yamaka and K. Sawamoto—565
Ratio of ionic conductivity to tracer diffusion in interstitialcy migration, C. W. McCombie and A. B. Lidiard—1210(L)
Self-diffusion and conductivity in AgCl, W. Dale Compton—1209(L)
Significance of Hall effect measurements on alloys, B. R. Coles—1254
Thermal magnetoresistance of Zn at low temperatures, Perry B. Alers—41
Electrical Discharges
Diffusion of metastable Hg molecules, A. O. McCoubrey and C. G. Matland—603
Glow to arc transition, W. S. Boyle and F. E. Haworth—935
Growing electric space-charge waves and Haeff's electron-wave tube, J. H. Piddington—14
Growing electromagnetic waves, J. H. Piddington—9
Interpretation of spectra of atoms and molecules in solid nitrogen condensed at 4.2°K, C. M. Herzfeld and H. P. Broida—606
Prebreakdown current in Townsend discharge, Peter L. Auer—1243
Spectra emitted from solid nitrogen condensed at 4.2°K from gas discharge, Arnold M. Bass and Herbert P. Broida—1740
Electrical Properties (see also **Dielectrics and Dielectric Properties; Electrical Conductivity and Resistance; Semiconductors; Superconductors**)
Excitation of electrons in metals by primary electrons, E. M. Baroody—1679
Field emission from metals into alkali halide crystal, M. Geller—1685
Photoelectromagnetic effect in insulating CdS, H. S. Sommers, Jr., R. E. Berry, and I. Sochard—987
Photoemission from Ag into NaCl, TlCl, and TlBr, W. J. Turner—1653
Photovoltaic effect in GaAs p-n junctions and solar energy conversion, D. A. Jenny, J. J. Loferski, and P. Rappaport—1208(L)
Theoretical interpretation of field emission experiments, T. J. Lewis—1694
Use of thermocouples in radiation field, Hubert P. Yockey—1426(L)
Electrodynamics (see **Electromagnetic Theory and Electrodynamics**)
Electroluminescence (see **Luminescence**)
Electrolysis (see **Chemical Effects and Properties**)
Electromagnetic Theory and Electrodynamics
Classical Maxwell theory with finite-particle sources, Richard Ingraham—1411
Fluctuation dissipation theorem, J. Weber—1620
Growing electric space-charge waves and Haeff's electron-wave tube, J. H. Piddington—14
Growing electromagnetic waves, J. H. Piddington—9
Electron Diffraction (see **Diffraction; Scattering of Electrons and Positrons**)
Electron Optics (see **Electromagnetic Theory and Electrodynamics**)
Electronic Tubes (see **Methods and Instruments**)
Electrons and Positrons (see also **Electromagnetic Theory and Electrodynamics; Elementary Particle Interactions; Scattering of Electrons and Positrons**)
Annihilation of positrons in flight, H. W. Kendall and Martin Deutsch—20
Influence of atomic electrons on radiation and pair production, John A. Wheeler and Willis E. Lamb, Jr.—1836(E)
Measurement of low-energy γ-ray pair cross sections in scintillators using scintillation pair spectrometer, Harry I. West, Jr.—915
Electrons, Mobility (see **Ions and Electrons, Mobility**)
Electrons, Scattering of (see **Scattering of Electrons and Positrons**)
Electrons, Secondary (see **Electrical Properties**)
Electrons, Thermionic (see **Electrical Properties**)

Electro-Optical Effects (see **Optical Properties**)
Electrostriction (see **Dielectrics and Dielectric Properties**)
Elementary Particle Interactions
Angular correlations in associated production, W. D. Walker and W. D. Shephard—1810
Antiproton star observed in emulsion, O. Chamberlain, W. W. Chupp, G. Goldhaber, E. Segrè, C. Wiegand, E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti, and A. Manfredini—909(L)
Charge independence and polarization experiments, L. Wolfenstein—427
Compound hypothesis for heavy unstable particles. II, M. Goldhaber—433
Coulomb interference in high-energy p-p scattering, A. Garren—419
Crossing symmetry in meson nucleon scattering, G. Feldman and P. T. Matthews—1212(L)
Effect of failure of isotopic spin conservation on pion-nucleon S waves, H. P. Noyes—320
Effective-range approach to low-energy p-wave pion-nucleon interaction, G. F. Chew and F. E. Low—1570
Evidence for electromagnetic production of μ-mesons, G. E. Masek and W. K. H. Panofsky—1094
Heavy-meson decays and selection rule $|\Delta I| \leq 1/2$, Gregor Wentzel—1214
Influence of "new unstable particles" on electromagnetic properties of nucleons, G. Sandri—1616(L)
Interaction of antiprotons with nuclear fields, Hans-Peter Duerr and Edward Teller—494(L)
Isotopic spin of antiparticles, Joseph V. Lepore—1206
Λ^0 binding in light nuclei, G. Wentzel—835
Meson production in nucleon-nucleon collisions at high energies, Julius S. Kovacs—397
Model for multiple meson production, E. M. Henley and T. D. Lee—1536
Multiple pion production in n-p collisions at Bevatron, William B. Fowler, George Maenchen, Wilson M. Powell, George Saphir, and Robert W. Wright—911(L)
Negative pions from neutron bombardment of deuterons, Myron W. Knapp and Wilson M. Powell—1010
Nuclear emulsion observation of annihilation of antiproton, R. D. Hill, Stig D. Johansson, and F. T. Gardner—907(L)
Nucleon anomalous moments via pion-pion attraction, W. G. Holladay—1198
Nucleon structure and $n-p$ mass difference, W. G. Holladay—1202
Partial wave analysis of experimental photomeson cross sections, K. M. Watson, J. C. Keck, A. V. Tollestrup, and R. L. Walker—1159
Phase space integrals for multiparticle systems, M. M. Block—796
Pion-nucleon S-wave phase shifts from ps-ps with cutoff, Charles J. Goebel—468
Pion-proton scattering at 150 and 170 Mev, J. Ashkin, J. P. Blaser, F. Feiner, and M. O. Stern—1149
Possible origin of $\mathbf{l}\cdot\mathbf{s}$ forces in nuclei, David H. Frisch—1833(L)
p-p scattering from 40 to 95 Mev, U. E. Kruse, J. M. Teem, and N. F. Ramsey—1079
Scattering of polarized neutrons from protons at 350 Mev, R. T. Siegel, A. J. Hartzler, and W. A. Love—838
Scattering of 217-Mev positive pions on hydrogen, Horace D. Taft—1116
Strange particles and conservation of isotopic spin, K. M. Case, Robert Karplus, and C. N. Yang—874
Terminal observations on "antiprotons," John M. Brabant, Bruce Cork, Nahmin Horwitz, Burton J. Moyer, Joseph J. Murray, Roger Wallace, and William A. Wenzel—498(L)
Theory of photomeson production at low energies, G. F. Chew and F. E. Low—1579
Elements (see **Atomic Mass and Abundance**)
Energy Loss of Particles (see **Range and Energy Loss**)
Energy States of Atoms (see **Atomic Structure and Spectra**)
Energy States of Molecules (see **Molecular Structure and Spectra**)
Energy States of Nucleus (see **Nuclear Reactions; Nuclear Spectra; Nuclear Structure Theory**)
Equations of State (see **Chemical Effects and Properties**)
Errata
Influence of atomic electrons on radiation and pair production, John A. Wheeler and Willis E. Lamb, Jr.—1836(E)
Masses of light nuclei, J. E. Drummond—1835(E)
Nonelastic scattering cross sections for fast neutrons, H. L. Taylor, O. Lönsjö, and T. W. Bonner—1835(E)
Perturbation calculation of elastic scattering of electrons by H atoms, Sidney Borowitz—1835(E)
Polarization effects of brightness waves of electroluminescence, Frank Matossi—1835(E)
Possibility of Zener effect, Gregory H. Wannier—1835(E)
Errors of Measurement (see **Methods and Instruments**)
Evaporation (see **Liquids**)
Excitation of Atoms (see **Atomic Structure and Spectra**)
Excitation of Molecules (see **Molecular Structure and Spectra**)
Excitation of Nucleus (see **Nuclear Reactions; Nuclear Spectra; Nuclear Structure Theory**)
Explosion Phenomena (see **Fluid Dynamics**)

Faraday Effect (see **Optical Properties**)
Ferroelectric Phenomena (see **Dielectrics and Dielectric Properties**)
Ferromagnetism (see **Magnetic Properties**)
Field Emission (see **Electrical Properties**)
Field Theory (see also **Quantum Electrodynamics**)
Anomalous magnetic moment of nucleon and pion-nucleon scattering, H. Miyazawa—1564
Branching ratio for alternative modes of decay of hyperons and θ^0 mesons, Gyo Takeda—1547
Classical Maxwell theory with finite-particle sources, Richard Ingraham—1411
Crossing symmetry in meson nucleon scattering, G. Feldman and P. T. Matthews—1212(L)
Decay of π-meson, S. B. Treiman and H. W. Wyld, Jr.—1552
Effect of failure of isotopic spin conservation on pion-nucleon S waves, H. P. Noyes—320
Effective-range approach to low-energy p-wave pion-nucleon interaction, G. F. Chew and F. E. Low—1570
Fluctuation dissipation theorem, J. Weber—1620
Influence of "new unstable particles" on electromagnetic properties of nucleons, G. Sandri—1616(L)
Interaction of antiprotons with nuclear fields, Hans-Peter Duerr and Edward Teller—494(L)
Invariant theoretical interpretation of interaction, Ryoyu Utiyama—1597
Isotopic spin of antiparticles, Joseph V. Lepore—1206
Kinetic energy in nonlinear meson theory, D. H. Holland—451
Low's scattering equation for charged and neutral scalar theories, L. Castillejo, R. H. Dalitz, and F. J. Dyson—453
Model for multiple meson production, E. M. Henley and T. D. Lee—1536

Field Theory (Continued)
Nucleon anomalous moments via pion-pion attraction, W. G. Holladay—1198
Nucleon structure and $n-p$ mass difference, W. G. Holladay—1202
Pion-nucleon S-wave phase shifts from ps-ps with cutoff, Charles J. Goebel—468
Possible origin of $\mathbf{l}\cdot\mathbf{s}$ forces in nuclei, David H. Frisch—1833(L)
Quantum field theory in terms of vacuum expectation values, A. S. Wightman—860
Radiative and nonradiative boson decay into leptons, Sidney A. Bludman and Malvin A. Ruderman—910(L)
Radiative corrections to decay processes, R. E. Behrends, R. J. Finkelstein, and A. Sirlin—866
Renormalization constants, Yoichiro Nambu—1183
Renormalization of mass operator, Kenneth A. Johnson—444
Spectrum of Bethe-Salpeter equation, R. E. Cutkosky and G. C. Wick—1830(L)
Spurious solutions of Bethe-Salpeter equation, D. A. Geffen and F. L. Scarf—1829(L)
Structure of Green's functions in quantum field theory. II, Yoichiro Nambu—459
Theory of photomeson production at low energies, G. F. Chew and F. E. Low—1579
Transformation of relativistic wave equations, Behram Kurşunoğlu—1419
Films, Properties
Modulation of conductivity by surface charges in metals, G. Bonfiglioli, E. Coen, and R. Malvano—1281
Soft x-ray absorption of thin films of Fe and FeO, D. E. Carter and M. P. Givens—1469
Fine Structure (see **Atomic Structure and Spectra**)
Fission of Nucleus (see **Nuclear Fission**)
Fluctuation Phenomena (see **Noise**)
Fluid Dynamics
Dynamics of ionized media, S. Gasiorowicz, M. Neuman, and R. J. Riddell, Jr.—922
Fluorescence (see **Luminescence**)
Friction (see **Mechanics**)

Galvanomagnetic Effect (see **Magnetic Properties**)
Gamma Rays (see also **Nuclear Reactions; Nuclear Spectra; Range and Energy Loss**)
Effect of finite size of nucleus on μ-pair production by γ rays, George H. Rawitscher—423
Elastic scattering of γ-rays, A. K. Mann—4
Measurement of low-energy γ-ray pair cross sections in scintillators using scintillation pair spectrometer, Harry I. West, Jr.—915
Gases
Dynamics of neutron scattering by molecules, A. C. Zemach and R. J. Glauber—118
Neutron diffraction by gases, A. C. Zemach and R. J. Glauber—129
Geophysics
Glasses (see **Molecular Aggregates**)
Gravitation (see **Relativity and Gravitation**)
Gyromagnetization (see **Magnetic Properties**)

Hall Effect (see **Electrical Conductivity and Resistance; Semiconductors**)
Heat Capacity (see **Thermal Properties**)
Heat Conduction (see **Thermal Properties**)
Heat of Dissociation and Formation (see **Molecular Structure and Spectra**)
Heat of Fusion (see **Thermal Properties**)
Heat of Vaporization (see **Thermal Properties**)
Helium, Liquid
Compressibility and heat transfer of He II, Harold Forstat and Charles A. Reynolds—513
Transmission of slow neutrons by liquid He^4. II, Louis Goldstein and Henry S. Sommers, Jr.—1235
High Voltage Tubes and Machines (see **Methods and Instruments**)
Hydrodynamics (see **Fluid Dynamics**)
Hyperfine Structure (see **Atomic Structure and Spectra; Molecular Structure and Spectra; Nuclear Moments and Spin**)
Hyperons (see **Mesons and Hyperons**)

Imperfections in Solids (see also **Crystalline State; Electrical Conductivity and Resistance; Luminescence; Semiconductors**)
Color centers in alkali silicate glasses containing alkaline earth ions, Ryosuke Yokota—522
Comments on Weertman's dislocation relaxation mechanism, W. P. Mason—1430(L)
Configuration coordinate curves for F-centers in alkali halide crystals, George A. Russell and Clifford C. Klick—1473
Delay time of plastic flow in Ge, J. R. Patel—1436(L)
Effect of dislocations on minority carrier lifetime in semiconductors, A. D. Kurtz, S. A. Kulin, and B. L. Averbach—1285
Effect of neutron bombardment on ZnS phosphor, Alan W. Smith—1263
Effect of x-irradiation on surface structure of NaCl crystals, Herman R. Leider—56
Electrical resistivity tensor for Al single crystals deformed at He temperature, A. Sosin and J. S. Koehler—972
Ionic conductivity of TaO at very high fields, C. P. Bean, J. C. Fisher, and D. A. Vermilyea—551
Mason's dislocation relaxation mechanism, J. Weertman—1429(L)
Photographs of stress field around edge dislocations, W. L. Bond and J. Andrus—1211(L)
Photoinduced Hall effect in MgO, E. Yamaka and K. Sawamoto—565
Radiation damage in vitreous silica: Annealing of density changes, W. Primak and Szymanski—1268
Ratio of ionic conductivity to tracer diffusion in interstatialcy migration, C. W. McCombie and A. B. Lidiard—1210(L)
Spin resonance in V-centers, M. H. Cohen—1432(L)
Storage of energy in BeO, H. O. Albrecht and C. E. Mandeville—1250
Structure sensitivity of x-ray coloration of NaCl crystals, R. B. Gordon and A. S. Nowick—977
Surface studies of x-ray irradiated KCl crystals, Walter J. Smith, William J. Leivo, and R. Smoluchowski—37
Thermally-induced acceptors in Ge, R. A. Logan—1455
Use of thermocouples in radiation field, Hubert P. Yockey—1426(L)
Inelastic Scattering (see **Nuclear Reactions; Scattering**)
Instruments (see **Methods and Instruments**)
Internal Conversion (see **Nuclear Spectra**)
Ionization (see also **Electrical Discharges; Range and Energy Loss of Particles**)
Dynamics of ionized media, S. Gasiorowicz, M. Neuman, and R. J. Riddell, Jr.—922
Ionization Potentials of Atoms (see **Atomic Structure and Spectra**)
Ionization Potentials of Molecules (see **Molecular Structure and Spectra**)
Ionosphere (see **Geophysics**)

Ions (see also **Electrical Discharges**)
Ions and Electrons, Mobility (see also **Semiconductors**)
Drift and conductivity mobility in Si, G. W. Ludwig and R. L. Watters—1699
Mobility in zinc blende and InSb, Walter A. Harrison—903(L)
Isobars (see **Atomic Mass and Abundance**)
Isomers, Molecular (see **Molecular Structure and Spectra**)
Isomers, Nuclear (see **Nuclear Spectra**)
Isotopes (see **Atomic Mass and Abundance; Radioactivity**)

Kerr Effect (see **Optical Properties**)
Kinetic Theory of Gases (see **Gases**)

Liquid Helium (see **Helium, Liquid**)
Liquids
Integral equation method in theory of liquids, Liliane Sarolea and Joseph E. Mayer—1627
Role of O_2 in quenching of liquid scintillators, H. H. Seliger, C. A. Ziegler, and I. Jaffe—998
Luminescence
Associated donor-acceptor luminescent centers, J. S. Prener and F. E. Williams—1427(L)
Dielectric changes in inorganic phosphors, Stanley Kronenberg and Carl A. Accardo—989
Effect of neutron bombardment on ZnS phosphor, Alan W. Smith—1263
Frequency dependence of electroluminescent brightness, C. H. Haake—490(L)
Frequency dependence of electroluminescent brightness of impurity-quenched phosphors, Willi Lehmann—489(L)
Photoelectromagnetic effect in insulating CdS, H. S. Sommers, Jr., R. E. Berry, and I. Sochard—987
Polarization effects of brightness waves of electroluminescence, Frank Matossi—1835(E)
Response of NaI crystals to α particles and electrons as function of temperature, E. der Mateosian, M. McKeown, and C. O. Muehlhause—967
Role of O_2 in quenching of liquid scintillators, H. H. Seliger, C. A. Ziegler, and I. Jaffe—998
Storage of energy in BeO, H. O. Albrecht and C. E. Mandeville—1250
Thermoluminescence properties of some alkali halides, J. Sharma—1295

Magnetic Fields (see **Electromagnetic Theory and Electrodynamics**)
Magnetic Properties
Antiferromagnetic structure of α-Mn and magnetic structure study of β-Mn, J. S. Kasper and B. W. Roberts—537
Application of Bethe-Weiss method to ferrimagnetism, J. Samuel Smart—585
Domain walls in antiferromagnets and weak ferromagnetism of α-Fe_2O_3, Yin-Yuan Li—1450
Electron spin paramagnetism of Li and Na, Robert T. Schumacher and Charles P. Slichter—58
Ferromagnetic relaxation and gyromagnetic anomalies in metals, C. Kittel and A. H. Mitchell—1611(L)
Ferromagnetic resonance absorption in Ni single crystal at low temperatures, K. H. Reich—1647
Galvanomagnetic effects in Bi, B. Abeles and S. Meiboom—544
Hall effect and magnetic properties of Armco Fe, Simon Foner—1648
Intradomain magnetic saturation and magnetic structure of γ-Fe_2O_3, Warren E. Henry and Mary Jo Boehm—1253
Magnetostrictive effects in antiferromagnetic hematite crystal, Helen M. A. Urquhart and J. E. Goldman—1443
Nuclear magnetic relaxation in antiferromagnetics, Tôru Moriya—1435(L)
Paramagnetic effect in superconductors. II. Further theoretical aspects, Hans Meissner—31; III. Measurements on hollow cylinders of Hg and Sn—1660
Possible source of line width in ferromagnetic resonance, A. M. Clogston, H. Suhl, L. R. Walker, and P. W. Anderson—903(L)
Subsidiary absorption peaks in ferromagnetic resonance at high signal levels, H. Suhl—1437(L)
Magnetic Resonance (see also **Nuclear Moments and Spin**)
Alignment of three odd-A rare-earth nuclei, E. Ambler, R. P. Hudson, and G. M. Temmer—196
Back-Goudsmit effect in hfs of Na^{23} $3P_{3/2}$ and electric quadrupole interaction coefficient, G. S. Bogle, J. N. Dodd, and K. H. Purser—246
Cyclotron resonance in Bi, M. Tinkham—902(L)
Electron spin paramagnetism of Li and Na, Robert T. Schumacher and Charles P. Slichter—58
Ferromagnetic relaxation and gyromagnetic anomalies in metals, C. Kittel and A. H. Mitchell—1611(L)
Ferromagnetic resonance absorption in Ni single crystal at low temperatures, K. H. Reich—1647
Further observations of multiple-quantum transitions. Saturation effects in rf transitions, P. Kusch—627
Hfs of metastable H atom, Juergen W. Heberle, Haskell A. Reich, and P. Kusch—612
Hfs separation and hfs anomalies in $^2P_{1/2}$ state of Ga^{69}, Ga^{71}, Tl^{203}, and Tl^{205}, A. Lurio and A. G. Prodell—79
Influence of ultrasonic energy on relaxation of Cl nuclei in $NaClO_3$, W. G. Proctor and W. H. Tanttila—1757
Interaction of conduction electrons and nuclear magnetic moments in metallic Na, T. Kjeldaas, Jr., and W. Kohn—66
Magnetic resonance and principle of minimum entropy production, Roald K. Wangsness—1
Nuclear magnetic relaxation in antiferromagnetics, Tôru Moriya—1435(L)
Nuclear spin-lattice relaxation time in Cu and Al, Alfred G. Redfield—67
Paramagnetic resonance hfs of Co^{60}, W. Dobrowolski, R. V. Jones, and C. D. Jeffries—1001
Paramagnetic resonance spectra of some ions of $3d$ and $4f$ shells in cubic crystalline fields, W. Low—1827(L)
Possible source of line width in ferromagnetic resonance, A. M. Clogston, H. Suhl, L. R. Walker, and P. W. Anderson—903(L)
Proton relaxation times in H_2O–D_2O mixtures, W. A. Anderson and J. T. Arnold—511
Resonance transitions in molecular beams experiments. II. Averages over velocity distribution, Harold Salwen—621
Spin resonance in V-centers, M. H. Cohen—1432(L)
Spins and hfs separations of radioactive Au^{196} and Au^{199}, R. L. Christensen, D. R. Hamilton, A. Lemonick, F. M. Pipkin, J. B. Reynolds, and H. H. Stroke—1389
Subsidiary absorption peaks in ferromagnetic resonance at high signal levels, H. Suhl—1437(L)
Theory of multiple-quantum transitions in ground state of K^{39}, Harold Salwen—623
Magneto-Optical Effects (see **Optical Properties**)
Magnetoresistance (see **Electrical Conductivity and Resistance; Semiconductors**)
Magnetostriction (see **Magnetic Properties**)
Mass Defects (see **Atomic Mass and Abundance**)
Mass Spectroscopy (see **Atomic Mass and Abundance; Methods and Instruments**)

Mathematical Methods
Integral equation method in theory of liquids, Liliane Sarolea and Joseph E. Mayer—1627
Representations of Duffin-Kemmer algebras, K. M. Case—439
Standard errors of residues in least-squares analysis, E. Richard Cohen—1641
Tensor operator methods and tensor force, J. Hope and L. W. Longdon—710
Measurements (see **Methods and Instruments**)
Mechanics
Dynamics of disordered linear chain, Richard Bellman—19
New approach to many-body problem, George J. Yevick and Jerome K. Percus—1186
Phase space integrals for multiparticle systems, M. M. Block—796
Mechanics, Quantum—Atomic Structure and Spectra (see **Atomic Structure and Spectra**)
Mechanics, Quantum—General (see **Quantum Mechanics**)
Mechanics, Quantum—Molecular Structure and Spectra (see **Molecular Structure and Spectra**)
Mechanics, Quantum—Nuclear (see **Nuclear Structure Theory**)
Mechanics, Quantum—of Solid Bodies (see **Crystalline State**)
Mechanics, Statistical (see **Statistical Mechanics and Thermodynamics**)
Meson Field Theory (see **Field Theory**)
Mesons and Hyperons (see also **Cosmic Radiation; Elementary Particle Interactions; Nuclear Reactions Induced by Mesons and Hyperons; Scattering of Mesons and Hyperons**)
Angular correlations in associated production, W. D. Walker and W. D. Shephard—1810
Anomalous V^0 events as three-body decays, J. Ballam, M. Grisaru, and S. B. Treiman—1438(L)
Antiproton star observed in emulsion, O. Chamberlain, W. E. Chupp, G. Goldhaber, E. Segrè, C. Wiegand, E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti, and A. Manfredini—909(L)
Branching ratio for alternative modes of decay of hyperons and θ^0 mesons, Gyo Takeda—1547
Branching ratios in hyperon and heavy-meson decays, Gregor Wentzel—505(L)
Characteristics of K^+-particles, D. M. Ritson, A. Pevsner, S. C. Fung, M. Widgoff, G. T. Zorn, S. Goldhaber, and G. Goldhaber—1085
Compound hypothesis for heavy unstable particles. II, M. Goldhaber—433
Decay of π-meson, S. B. Treiman and H. W. Wyld, Jr.—1552
Disintegration of hyperfragments. II, W. F. Fry, J. Schneps, and M. S. Swami—1526
Effect of failure of isotopic spin conservation on pion-nucleon S waves, H. P. Noyes—320
Effect of finite size of nucleus on μ-pair production by γ rays, George H. Rawitscher—423
Elastic photoproduction of π^0 mesons from D, J. W. Rosengren and N. Baron—410
Evidence for electromagnetic production of μ-mesons, G. E. Masek and W. K. H. Panofsky—1094
Experiments with slow K mesons in deuterium and hydrogen, K. M. Case, Robert Karplus, and C. N. Yang—358
Further evidence on nature of neutral particles in decay scheme of K_{μ^3}, T. F. Hoang, M. F. Kaplon, and G. Yekutieli—1834(L)
Heavy-meson decays and selection rule $|\Delta I| \leq 1/2$, Gregor Wentzel—1214
Heavy-meson fluxes at Cosmotron, G. Harris, J. Orear, and S. Taylor—1213(L)
Hyperfragment production, H. Überall—1612(L)
Influence of "new unstable particles" on electromagnetic properties of nucleons, G. Sandri—1616(L)
Interaction of positive K mesons, Joseph E. Lannutti, Warren W. Chupp, Gerson Goldhaber, Sulamith Goldhaber, Ehsan Helmy, Edwin L. Iloff, Aihud Pevsner, and David M. Ritson—1617(L)
K^+–τ^+ mass difference, S. Fung, A. Pevsner, D. Ritson, and N. Mohler—493(L)
Λ^0 binding in light nuclei, G. Wentzel—835
Lifetime of K mesons, Luis W. Alvarez, Frank S. Crawford, Myron L. Good, and M. Lynn Stevenson—503(L)
Mass ratio method applied to measurement of L-meson masses and energy balance in pion decay, Walter H. Barkas, Wallace Birnbaum, and Frances M. Smith—778
Mean life of K^+ mesons, V. Fitch and R. Motley—496(L)
Meson production in nucleon-nucleon collisions at high energies, Julius S. Kovacs—397
Method for determining spins of hyperons, S. B. Treiman—1217(L)
Model for multiple meson production, E. M. Henley and T. D. Lee—1536
Multiple pion production in π-p collisions at Bevatron, William B. Fowler, George Maenchen, Wilson M. Powell, George Saphir, and Robert W. Wright—911(L)
Nature of neutral particles in $K_{\mu 3}$ decay, G. Yekutieli, M. F. Kaplon, and T. F. Hoang—506(L)
Negative pions from neutron bombardment of deuterons, Myron W. Knapp and Wilson M. Powell—1010
Nuclear emulsion observation of annihilation of antiproton, R. D. Hill, Stig D. Johansson, and F. T. Gardner—907(L)
Partial wave analysis of experimental photomeson cross sections, K. M. Watson, J. C. Keck, A. V. Tollestrup, and R. L. Walker—1159
Phase space integrals for multiparticle systems, M. M. Block—796
Possible method of measuring magnetic moments of V particles, M. Goldhaber—1828(L)
Radiative and nonradiative boson decay into leptons, Sidney A. Bludman and Malvin A. Ruderman—910(L)
Radiative corrections to decay processes, R. E. Behrends, R. J. Finkelstein, and A. Sirlin—866
Ratio of K^- mass to K^+ mass, Francis H. Webb, Warren W. Chupp, Gerson Goldhaber, and Sulamith Goldhaber—1215(L)
Strange particles and conservation of isotopic spin, K. M. Case, Robert Karplus, and C. N. Yang—874
Terminal observations on "antiprotons," John M. Bradbant, Bruce Cork, Nahmin Horwitz, Burton J. Moyer, Joseph J. Murray, Roger Wallace, and William A. Wenzel—498(L)
Metals (see **Crystalline State**)
Metastable Atoms (see **Atomic Structure and Spectra**)
Metastable Molecules (see **Molecular Structure and Spectra**)
Meteorology (see **Geophysics**)
Methods and Instruments
Possible method of measuring magnetic moments of V particles, M. Goldhaber—1828(L)
Response of NaI crystals to α particles and electrons as function of temperature, E. der Mateosian, M. McKeown, and C. O. Muehlhause—967
Role of O_2 in quenching of liquid scintillators, H. H. Seliger, C. A. Ziegler, and I. Jaffe—998
Use of thermocouples in radiation field, Hubert P. Yockey—1426(L)

Microwaves (see also **Atomic Structure and Spectra; Magnetic Resonance; Molecular Structure and Spectra; Nuclear Moments and Spin**)
Millimeter wave absorption in superconducting Al, M. A. Biondi, M. P. Garfunkel, and A. O. McCoubrey—1427 (L)
Very high frequency absorption in superconductors, M. J. Buckingham—1431 (L)
Miscellaneous
Mobility of Ions and Electrons (see **Ions and Electrons, Mobility**)
Molecular Aggregates
Color centers in alkali silicate glasses containing alkaline earth ions, Ryosuke Yokota—522
Radiation damage in vitreous silica: Annealing of density changes, W. Primak and H. Szymanski—1268
Molecular Beams (see **Atomic and Molecular Beams**)
Molecular Structure and Spectra
Diffusion of metastable Hg molecules, A. O. McCoubrey and C. G. Matland—603
Further observations of multiple-quantum transitions. Saturation effects in rf transitions, P. Kusch—627
Interpretation of spectra of atoms and molecules in solid nitrogen condensed at 4.2°K, C. M. Herzfeld and H. P. Broida—606
Millimeter and submillimeter wave spectroscopy, Charles A. Burrus and Walter Gordy—599
Molecular excitation in β decay, Murray Cantwell—1747
Spectra emitted from solid nitrogen condensed at 4.2°K from gas discharge, Arnold M. Bass and Herbert P. Broida—1740
Validity of assumption of two-body interaction in molecular physics. I, Rosemary T. McGinnies and Laurens Jansen—1301
Zeeman effect of some linear and symmetric-top molecules, John T. Cox and Walter Gordy—1298
Moments, Nuclear (see **Nuclear Moments and Spin**)
Moments of Molecules (see **Molecular Structure and Spectra**)

Neutrino (see also **Nuclear Spectra; Radioactivity**)
Neutron Diffraction (see **Diffraction; Scattering of Neutrons**)
Neutrons (see **Elementary Particle Interactions**)
Noise
Fluctuation dissipation theorem, J. Weber—1620
Nuclear Fission
Average number of neutrons per fission for several heavy-element nuclides, W. W. T. Crane, G. H. Higgins, and H. R. Bowman—1804
Deformation energy of charged drop. I. Qualitative features, W. J. Swiatecki—651
Emission of prompt neutrons from fission, R. B. Leachman—1005
Energy of delayed neutrons from fission of U^{235}, T. W. Bonner, S. J. Bame, Jr., and J. E. Evans—1514
Fission theory and semiempirical mass formula, Th. A. J. Maris—147
Generalization of liquid drop model of fission, Th. A. J. Maris—502 (L)
Multiplicities of fission neutrons, B. C. Diven, H. C. Martin, R. F. Taschek, and J. Terrell—1012
Probabilities of prompt-neutron emission from spontaneous fission, Donald A. Hicks, John Ise, Jr., and Robert V. Pyle—1016
Proton-induced fission cross sections for U^{238}, U^{235}, Th^{232}, Bi^{209}, and Au^{197} at 100 to 340 Mev, Herbert Steiner and John A. Jungerman—807
Range and range dispersion of specific fission fragments, W. M. Good and E. O. Wollan—249
Recoil studies of high-energy proton reactions in Bi, Nathan Sugarman, Milton Campos, and Karoline Wielgoz—388
Search for Be^{10} as product of ternary fission, K. F. Flynn, L. E. Glendenin, and E. P. Steinberg—1492
Shell structure effects on spontaneous fission half-life, R. E. Lingenfelter—1615 (L)
Systematics of fission thresholds, W. J. Swiatecki—97
Nuclear Forces (see **Elementary Particle Interactions; Field Theory; Nuclear Structure Theory**)
Nuclear Induction (see **Magnetic Resonance; Nuclear Moments and Spin**)
Nuclear Isomers (see **Nuclear Spectra; Radioactivity**)
Nuclear Moments and Spin
Anomalous magnetic moment of nucleon and pion-nucleon scattering, H. Miyazawa—1564
Back-Goudsmit effect in hfs of Na^{23} $3P_{3/2}$ and electric quadrupole interaction coefficient, G. S. Bogle, J. N. Dodd, and K. H. Purser—246
Hfs and nuclear moments of Gd, David Ralph Speck—1725
Hfs separations and hfs anomalies in $^2P_{1/2}$ state of Ga^{69}, Ga^{71}, Tl^{208}, and Tl^{205}, A. Lurio and A. G. Prodell—79
Hfs separations and hfs anomaly in $6\,^2P_{3/2}$ metastable level of Tl^{203} and Tl^{205}, Gordon Gould—1828 (L)
Isotope effect in spectrum of In I, D. A. Jackson—1425 (L)
Nuclear moments of Hf^{177} and Hf^{179}, D. R. Speck and F. A. Jenkins—1831 (L)
Nucleon anomalous moments via pion-pion attraction, W. G. Holladay—1198
Paramagnetic resonance hfs of Co^{60}, W. Dobrowolski, R. V. Jones, and C. D. Jeffries—1001
Possible method of measuring magnetic moments of V particles, M. Goldhaber—1828 (L)
Spins and hfs separations of radioactive Au^{198} and Au^{199}, R. L. Christensen, D. R. Hamilton, A. Lemonick, F. M. Pipkin, J. B. Reynolds, and H. H. Stroke—1389
Nuclear Photoeffects
Elastic photoproduction of π^0 mesons from deuterium, J. W. Rosengren and N. Baron—410
Evidence for electromagnetic production of μ-mesons, G. E. Masek and W. K. H. Panofsky—1094
Integrated photonuclear cross section, J. S. Levinger—733
Nuclear elastic scattering of photons, E. G. Fuller and Evans Hayward—692
Partial wave analysis of experimental photomeson cross sections, K. M. Watson, J. C. Keck, A. V. Tollestrup, and R. L. Walker—1159
Photodisintegration of deuterium by 60- to 250-Mev x-rays, E. A. Whalin, Barbara Dwight Schriever, and A. O. Hanson—377
Photodisintegration of deuteron, Fredrik Zachariasen—371
Photodissociation of deuteron from 150 to 450 Mev, J. C. Keck and A. V. Tollestrup—360
Photonuclear yields from As at 140 Mev and 320 Mev, T. T. Sugihara and I. Halpern—1768
Theory of photomeson production at low energies, G. F. Chew and F. E. Low—1579
Nuclear Reactions, General (see also **Elementary Particle Interactions; Scattering**)
Angular distribution of γ rays in Coulomb excitation from Pt, F. D. Benedict—178
Comparison of semiclassical and quantum mechanical Coulomb excitation integrals for large L, R. L. Gluckstern, J. P. Lazarus, and G. Breit—175
γ-ray angular distribution in Coulomb excitation, G. Breit, M. E. Ebel, and J. E. Russell—1504
Nuclear reactions produced by nitrogen on nitrogen, H. L. Reynolds and A. Zucker—166

Nuclear Reactions, General (Continued)
Quantum calculation of Coulomb excitation. II. Quadrupole excitation: Numerical results, L. C. Biedenharn, M. Goldstein, J. L. McHale, and R. M. Thaler—662
Semiclassical approximation to Coulomb excitation integrals, F. D. Benedict, P. B. Daitch, and G. Breit—171

Nuclear Reactions Induced by α Particles and He^3 (see also **Scattering of α Particles**)
α excitation functions of Ag and Cu, Karl G. Porges—225
(α,γ) reaction, H. Morinaga—100
(α,n) type reactions in light nuclei, A. R. Quinton and W. T. Doyle—669
α-particle bombardment of A^{36} and A^{40}, R. B. Schwartz, J. W. Corbett, and W. W. Watson—1370
$B^{10}+\alpha$ reactions, G. F. Pieper and G. S. Stanford—672
Be^8 energy levels, C. D. Moak and W. R. Wisseman—1326
$C^{13}(x,xn)C^{11}$ and $Al^{27}(x,x2pn)Na^{24}$ cross sections at high energies, Walter E. Crandall, George P. Millburn, Robert V. Pyle, and Wallace Birnbaum—329
Inelastic scattering of 42-Mev α's by Mg, P. C. Gugelot and M. Rickey—1613(L)
Interactions of 380-Mev α particles in nuclear track emulsion, Dora Sherman Willoughby—324
$Li^7(\alpha,n)B^{10}$ reaction, A. B. Robbins—1373
$N^{14}(\alpha,n)F^{17}$ and $Na^{23}(\alpha,n)Al^{26}$ reactions, W. T. Doyle and A. B. Robbins—1056

Nuclear Reactions Induced by Deuterons and Tritons (see also **Scattering of Deuterons**)
$Al^{27}(d,p)Al^{28}$ reaction magnetic spectrograph measurements, W. W. Buechner, M. Mazari, and A. Sperduto—188
Angular distribution of proton groups from reaction $F^{19}(d,p)F^{20}$, S. Takemoto, T. Dazai, R. Chiba, S. Suganomata, and S. Ito—772
Angular distribution of protons from $O^{16}(d,p)O^{17}$ reaction as function of bombarding energy, J. C. Grosskreutz—706
Angular distribution of D + D neutrons, Paul R. Chagnon and George E. Owen—1798
$C^{13}(x,xn)C^{11}$ and $Al^{27}(x,x2pn)Na^{24}$ cross sections at high energies, Walter E. Crandall, George P. Millburn, Robert V. Pyle, and Wallace Birnbaum—329
Comparison of differential cross sections for reactions $C^{12}(d,p)C^{13}$ and $C^{13}(d,n)N^{13}$, R. E. Benenson, K. W. Jones, and M. T. McEllistrem—308
Cross section and angular distributions of (d,p) and (d,n) reactions in C^{13} from 1.8 to 6.1 Mev, T. W. Bonner, J. T. Eisinger, Alfred A. Kraus, Jr., and J. B. Marion—209
Energy levels in F^{19} from study of $O^{18}(d,n)F^{19}$ reaction, M. V. Harlow, J. B. Marion, R. A. Chapman, and T. W. Bonner—214
Reduced widths from stripping reactions, J. M. Calvert, A. A. Jaffe, and E. E. Maslin—501(L)

Nuclear Reactions Induced by Mesons and Hyperons (see also **Elementary Particle Interactions; Mesons and Hyperons; Scattering of Mesons and Hyperons**)
Angular correlations in associated production, W. D. Walker and W. D. Shephard—1810
Disintegrations produced in nuclear emulsions by 1.5-Bev pions, R. D. Hill, E. O. Salant, M. Widgoff, L. S. Osborne, A. Pevsner, D. M. Ritson, J. Crussard, and W. D. Walker—1127
Experiments with slow K mesons in deuterium and hydrogen, K. M. Case, Robert Karplus, and C. N. Yang—358
Interaction of positive K mesons, Joseph E. Lannutti, Warren W. Chupp, Gerson Goldhaber, Sulamith Goldhaber, Ehsan Helmy, Edwin L. Iloff, Aihud Pevsner, and David M. Ritson—1617(L)
Total cross sections for scattering and absorption of pions by nuclei, R. M. Sternheimer—384

Nuclear Reactions Induced by Neutrons (see also **Elementary Particle Interactions; Scattering of Neutrons**)
Clouded crystal ball analysis of inelastic scattering cross section of neutron into isomeric level $(13/2^+)$ of $_{82}Pb^{207}$, Sophie Oleksa—1034
Cross section for $Si^{28}(n,p)Al^{28}$ reaction, J. B. Marion, R. M. Brugger, and R. A. Chapman—247
Excitation of some low-lying levels by inelastic neutron scattering, Janet B. Guernsey and A. Wattenberg—1516
Measurements of inelastic scattering cross sections for fast neutrons, J. J. Van Loef and D. A. Lind—103
Multiple pion production in n-p collisions at Bevatron, William B. Fowler, George Maenchen, Wilson M. Powell, George Saphir, and Robert W. Wright—911(L)
Negative pions from neutron bombardment of deuterons, Myron W. Knapp and Wilson M. Powell—1010
Neutron absorption cross sections of Pa^{231} and Pa^{232}, R. R. Smith, N. P. Alley, R. H. Lewis, and A. VanderDoes—1053
Neutron cross sections for Zr, Janet B. Guernsey and Clark Goodman—294
Nonelastic scattering cross sections for fast neutrons, H. L. Taylor, O. Lönsjö, and T. W. Bonner—1835(E)
Production of deuterons in high-energy nucleon bombardment of nuclei, and its bearing on nuclear charge distribution, Wilmot N. Hess and Burton J. Moyer—337
Radiation widths in slow-neutron resonances of Hf, G. Igo and H. H. Landon—726
Radiation widths of nuclear energy levels, J. S. Levin and D. J. Hughes—1328

Nuclear Reactions Induced by Protons (see also **Elementary Particle Interactions; Scattering of Protons**)
Angular distribution of neutrons from $O^{18}(p,n)F^{18}$, Hans Mark and Clark Goodman—768
Angular distributions of deuterons from (p,d) reactions in light nuclei. I. Nitrogen, K. G. Standing—152; II. Li, Be, B, F, and Al, J. B. Reynolds and K. G. Standing—158
$C^{13}(x,xn)C^{11}$ and $Al^{27}(x,x2pn)Na^{24}$ cross sections at high energies, Walter E. Crandall, George P. Millburn, Robert V. Pyle, and Wallace Birnbaum—329
Excitation functions and angular distributions of α particles from $B^{10}(p,\alpha)Be^7$, James W. Cronin—298
γ rays from excited levels in Al^{28}, H. Ager-Hanssen, O. M. Lönsjö, and R. Nordhagen—1779
Inelastic scattering of 18-Mev protons by Mg^{24}, P. C. Gugelot and P. R. Phillips—1614(L)
Inelastic scattering of protons by Ca^{40}, C. M. Braams—1764
Inelastic scattering of 31-Mev protons from Be, J. Benveniste, Reinald G. Finke, and Ernest A. Martinelli—655
Levels of Al^{25} from $Mg^{24}(p,\gamma)Al^{25}$ reaction, D. S. Craig—1479
$Li^6(p,\gamma)Be^7$ reaction, J. B. Warren, T. K. Alexander, and G. B. Chadwick—242
Low-lying level structure of Zn^{65} nucleus, Jerry B. Marion and Richard A. Chapman—283
Low-lying states of F^{19}: Reaction $F^{19}(p,p')F^{19}$, B. J. Toppel, D. H. Wilkinson, and D. E. Alburger—1485
Nuclear reactions of Co with protons from 0–100 Mev energy, Rodman A. Sharp, Richard M. Diamond, and Geoffrey Wilkinson—1493
P^{30} low-lying levels, C. Broude, L. L. Green, J. J. Singh, and J. C. Willmott—1052
(p,d) pickup deuteron measurements at 95 Mev, W. Selove—231

Production of deuterons in high-energy nucleon bombardment of nuclei, and its bearing on nuclear charge distribution, Wilmot N. Hess and Burton J. Moyer—337
Proton cross sections of Bi^{209}, C. G. Andre, J. R. Huizenga, J. F. Mech, W. J. Ramler, E. G. Rauh, and S. R. Rocklin—645
Recoil studies of high-energy proton reactions in Bi, Nathan Sugarman, Milton Campos, and Karoline Wielgoz—388
Spallation of V with 60, 100, 175, and 240-Mev protons, Clarence G. Heininger and Edwin O. Wiig—1074
Tritium production by high-energy protons, Lloyd A. Currie, W. F. Libby, and Richard L. Wolfgang—1557
2− state at 8.87 Mev in O^{16}, D. H. Wilkinson, B. J. Toppel, and D. E. Alburger—673
Nuclear Scattering (see **Scattering**)
Nuclear Spectra (see also **Nuclear Reactions; Radioactivity**)
Alignment of three odd-A rare-earth nuclei, E. Ambler, R. P. Hudson, and G. M. Temmer—196
α-γ angular correlation in Bi^{212}(ThC), John W. Horton—717
Angular correlation of γ radiations from oriented nuclei, P. S. Jastram, R. C. Sapp, and J. G. Daunt—1381
Angular distribution of γ rays in Coulomb excitation from Pt, F. D. Benedict—178
Application of Bacher-Goudsmit method to nuclear spectra, S. Meshkov and C. W. Ufford—734
Auger effect in heaviest elements, Peter R. Gray—1306
Ba^{131} decay, γ rays, William C. Beggs, Berol L. Robinson, and Richard W. Fink—149
Be^{8} energy levels, C. D. Moak and W. R. Wisseman—1326
Ca^{49}-Sc^{49}-Ti^{49} decay chain, G. D. O'Kelley, N. H. Lazar, and E. Eichler—1059
Ce^{143} (33.4 hr) decay, D. W. Martin, M. K. Brice, J. M. Cork, and S. B. Burson—182
Cm^{242} and Cm^{244} conversion electron spectra, W. G. Smith and J. M. Hollander—746
Co^{61} and Cu^{61} decay, R. H. Nussbaum, A. H. Wapstra, W. A. Bruil, M. J. Sterk, G. J. Nijgh, and N. Grobben—905(L)
Comparison of semiclassical and quantum mechanical Coulomb excitation integrals for large L, R. L. Gluckstern, J. P. Lazarus, and G. Breit—175
Electric monopole transitions in C^{12} and O^{16}, J. P. Elliott—1212(L)
Em^{221} properties, F. F. Momyer, Jr., and E. K. Hyde—136
Energy levels in F^{19} from study of $O^{18}(d,n)F^{19}$ reaction, M. V. Harlow, J. B. Marion, R. A. Chapman, and T. W. Bonner—214
First 0^+ level in C^{12} and O^{16}, P. J. Redmond—751
ft values and L/K ratios for orbital electron capture, Richard W. Hoff and John O. Rasmussen, Jr.—280
Ga^{72} decay scheme, J. J. Kraushaar, E. Brun, and W. E. Meyerhof—139
γ-ray angular distribution in Coulomb excitation, G. Breit, M. E. Ebel, and J. E. Russell—1504
γ rays from excited levels in Al^{25}, H. Ager-Hanssen, O. M. Lönsjö, and R. Nordhagen—1779
I^{128} decay, N. Benczer, B. Farrelly, L. Koerts, and C. S. Wu—1027
Intermediate coupling in 1p-shell, Dieter Kurath—216
Internal conversion coefficients of Ba^{134}, V^{51}, and Tl^{203}, Z. O'Friel—1076
Levels of Al^{25} from $Mg^{24}(p,\gamma)Al^{25}$ reaction, D. S. Craig—1479
$Li^{6}(p,\gamma)Be^{7}$ reaction, J. B. Warren, T. K. Alexander, and G. B. Chadwick—242
Low-lying level structure of Zn^{65} nucleus, Jerry B. Marion and Richard A. Chapman—283
Low-lying states of F^{19}: Reaction $F^{19}(p,p')F^{19}$, B. J. Toppel, D. H. Wilkinson, and D. E. Alburger—1485
Lu^{175} nuclear levels and transitions according to unified model, David M. Chase and Lawrence Wilets—1038
Mg^{27} decay, W. S. Lyon and N. H. Lazar—1524
Ne^{23} β decay, H. J. Gerber, M. Garcia Muñoz, and D. Maeder—774
Nuclear resonance fluorescence in Ge^{72} and Ge^{74}, Franz R. Metzger—286
P^{30}, Cl^{34}, and K^{38} radiations, David Green and J. Reginald Richardson—776
P^{30} low-lying levels, C. Broude, L. L. Green, J. J. Singh, and J. C. Willmott—1052
Pt radiations from four radioactive isotopes, V. R. Potnis, C. E. Mandeville, and J. S. Burlew—753
Pt^{196} γ-ray conversion, M. T. Thieme and E. Bleuler—1031
Quantum calculation of Coulomb excitation. II. Quadrupole excitation: Numerical results, L. C. Biedenharn, M. Goldstein, J. L. McHale, and R. M. Thaler—662
Recoil broadening of internal conversion lines associated with α decay, J. Burde and S. G. Cohen—495(L)
Relativistic and screening effects in radiative electron capture, R. J. Glauber, P. C. Martin, T. Lindqvist, and C.-S. Wu—905(L)
Sb^{127} and Sb^{130} decay, M. C. Day, Jr., and A. F. Voigt—1784
Sc^{47} disintegration, William E. Graves and S. K. Suri—1368
Se^{73} disintegration, R. W. Hayward and D. D. Hoppes—93
Search for double β decay in Ca^{48} and Zr^{96}, M. Awschalom—1041
Semiclassical approximation to Coulomb excitation integrals, F. D. Benedict, P. B. Daitch, and G. Breit—171
Seven new isomers with half-lives between 10^{-5} and 10^{-1} sec, Stanley H. Vegors, Jr., and Peter Axel—1067
Small-order effects in β spectra, A. V. Pohm, R. C. Waddell, and E. N. Jensen—1315
Sn^{113} evidence for 258-kev γ ray, Gerald Gardner and John I. Hopkins—999
Sn^{116} γ rays, directional correlation, R. P. Scharenberg, M. G. Stewart, and M. L. Wiedenbeck—689
Sr^{89} nuclear levels from disintegration of Rb^{89} and Y^{89}, N. H. Lazar, E. Eichler, and G. D. O'Kelley—727
Te^{130} disintegration, William E. Graves and Allan C. G. Mitchell—701
2− state at 8.87 Mev in O^{16}, D. H. Wilkinson, B. J. Toppel, and D. E. Alburger—673
Yb radiations, J. M. Cork, M. K. Brice, D. W. Martin, L. C. Schmid, and R. G. Helmer—1042
Nuclear Structure Theory (see also **Nuclear Reactions; Nuclear Spectra**)
Application of Bacher-Goudsmit method to nuclear spectra, S. Meshkov and C. W. Ufford—734
Bound states and low-energy neutron scattering, R. D. Lawson—311
Clouded crystal ball analysis of inelastic scattering cross section of neutron into isomeric level $(13/2^+)$ of $_{82}Pb^{207}$, Sophie Oleksa—1034
Coupling of nucleon orbitals, Paul Goldhammer—1375
Effect of hard core on binding energies of H^3 and He^3, Takashi Kikuta, Masami Yamada, and Masato Morita—509(L)
Effect of tensor force on level structure of Li^6 and Li^7, Arnold Feingold—258
Effects of short-range correlations between two protons in elastic scattering of high-energy electrons by heavy nuclei, B. W. Downs—820
Electric monopole transitions in C^{12} and O^{16}, J. P. Elliott—1212(L)

Nuclear Structure Theory (Continued)
Energy dependence of optical model parameters, Michel A. Melkanoff, S. A. Moszkowski, John Nodvik, and David S. Saxon—507(L)
First 0^+ level in C^{12} and O^{16}, P. J. Redmond—751
High-energy electron scattering and charge distributions of selected nuclei, Beat Hahn, D. G. Ravenhall, and Robert Hofstadter—1131
Intermediate coupling in $1p$-shell, Dieter Kurath—216
Interpretation of some excited states of $4n$ self-conjugate nuclei, H. Morinaga—254
Isotopic spin impurity in light nuclei. II. Shell model, William M. MacDonald—271
Lu^{176} nuclear levels and transitions according to unified model, David M. Chase and Lawrence Wilets—1038
Neutron and proton densities in nuclei, Lawrence Wilets—1805
Nuclear surface effects, Roy A. Berg and Lawrence Wilets—201
Nucleon-core polarization in calculation of strength function, Erich Vogt—1792
Optical model of nucleus with absorbing surface, F. E. Bjorklund, S. Fernbach, and N. Sherman—1832(L)
Optical model potential for pion-nucleus scattering, R. M. Frank, J. L. Gammel, and K. M. Watson—891
Perturbation procedure for bound states of nuclei, Mark Bolsterli and Eugene Feenberg—1349
Perturbation treatment of many-body problem, W. J. Swiatecki—1321
Possible origin of $\mathbf{l}\cdot\mathbf{s}$ forces in nuclei, David H. Frisch—1833(L)
Production of deuterons in high-energy nucleon bombardment of nuclei, and its bearing on nuclear charge distribution, Wilmot N. Hess and Burton J. Moyer—337
Relations between bound state problems and scattering theory, Alfred Reifman, Bryce S. DeWitt, and Roger G. Newton—877
Shell structure effects on spontaneous fission half-life, R. E. Lingenfelter—1615(L)
Shell theory and collective theory for Pb isotopes, W. W. True—1342
Single-body wave functions and two-body forces, Yü Hsieh and Ingram Bloch—205
Tensor operator methods and tensor force, J. Hope and L. W. Longdon—710

Optical Instruments (see **Methods and Instruments**)
Optical Properties (see also **Luminescence**)
Absorption of light by atoms in solids, D. L. Dexter—48
Color centers in alkali silicate glasses containing alkaline earth ions, Ryosuke Yokota—522
Configuration coordinate curves for F-centers in alkali halide crystals, George A. Russell and Clifford C. Klick—1473
Infrared absorption and oxygen content in Si and Ge, W. Kaiser, P. H. Keck, and C. F. Lange—1264
Infrared absorption in n-type Ge, H. Y. Fan, W. Spitzer, and R. J. Collins—566
Infrared absorption of InSb, Eugene Blount, Joseph Callaway, Morrel Cohen, William Dumke, and James Phillips—563
Multiplet structure of excitons in ionic crystals, Albert W. Overhauser—1702
Optical properties of InSb in region from 20 to 200 microns, Hiroshi Yoshinaga and Robert A. Oetjen—526
Photoemission from Ag into NaCl, TlCl, and TlBr, W. J. Turner—1653
Photoinduced Hall effect in MgO, E. Yamaka and K. Sawamoto—565
Radiation resulting from recombination of holes and electrons in Si, J. R. Haynes and W. C. Westphal—1676
Recombination radiation from InSb, T. S. Moss and T. H. Hawkins—1609(L)
Spin resonance in V-centers, M. H. Cohen—1432(L)
Storage of energy in BeO, H. O. Albrecht and C. E. Mandeville—1250
Structure sensitivity of x-ray coloration of NaCl crystals, R. B. Gordon and A. S. Nowick—977
Theory of photomagnetoelectric effect in semiconductors, W. van Roosbroeck—1713
Use of absorption of infrared radiation to determine carrier distribution in Ge and evaluation of surface recombination velocity, N. J. Harrick—491(L)

Pair Production (see **Electrons and Positrons**)
Phosphors and Phosphorescence (see **Luminescence; Semiconductors**)
Photoconductivity (see **Electrical Conductivity and Resistance**)
Photodisintegration (see **Nuclear Photoeffects**)
Photoelasticity (see **Elasticity and Plasticity**)
Photoelectric Effect (see **Electrical Properties**)
Photography and Photographic Emulsions (see **Methods and Instruments; Optical Properties**)
Photometry (see **Methods and Instruments; Optical Properties**)
Photons (see **Radiation**)
Photovoltaic Effect (see **Electrical Properties; Semiconductors**)
Piezoelectric Effect (see **Dielectrics and Dielectric Properties**)
Plasticity (see **Elasticity and Plasticity**)
Polarization, Electrical (see **Dielectrics and Dielectric Properties**)
Polymers (see **Molecular Aggregates**)
Positrons (see **Electrons and Positrons**)
Probability (see **Mathematical Methods**)
Protons (see **Elementary Particle Interactions**)

Quantum Electrodynamics (see also **Field Theory**)
Effect of finite size of nucleus on μ-pair production by γ rays, George H. Rawitscher—423
Energy distribution at large angles of high-energy electrons in bremsstrahlung, David G. Keiffer and George Parzen—1244
Fluctuation dissipation theorem, J. Weber—1620
Influence of atomic electrons on radiation and pair production, John A. Wheeler and Willis E. Lamb, Jr.—1836(E)
Quantum-electrodynamical fourth order corrections for triplet fine structure of He, Gentaro Araki—1410
Radiative corrections to decay processes, R. E. Behrends, R. J. Finkelstein, and A. Sirlin—866
Renormalization constants, Yoichiro Nambu—1183
Representations of Duffin-Kemmer algebras, K. M. Case—439
Self-energy of Dirac particles, Kerson Huang—1173
Transformation of relativistic wave equations, Behram Kurşunoğlu—1419
Vacuum polarization in strong Coulomb field, Eyvind Wichmann and Norman M. Kroll—843
Quantum Mechanics
Exact quantum theory solution for damped harmonic oscillator, J. Weber—1619
Maximal orthogonal orbitals, G. W. Pratt, Jr., and S. F. Neustadter—1248
Natural orbitals in quantum theory of two-electron systems, Per-Olov Löwdin and Harrison Shull—1730

Perturbation treatment of many-body problem, W. J. Swiatecki—1321
Refinement of Wigner-Brillouin perturbation method, Paul Goldhammer and Eugene Feenberg—1233
Relativistic radiative transitions, W. B. Payne and J. S. Levinger—1020
"Theory of measurement" in differential-space quantum theory, Armand Siegel and Norbert Wiener—429
Transformation of relativistic wave equations, Behram Kurşunoğlu—1419
Wave functions of harmonic oscillator, J. Plebanski—1825

Quenching of Radiation (see **Radiation**)

Radar (see **Methods and Instruments; Radiation**)

Radiation (see also **Gamma Rays; Range and Energy Loss; X-Rays**)
Angular distribution of betatron target radiation, A. Sirlin—1219
Diffusion of metastable Hg molecules, A. O. McCoubrey and C. G. Matland—603
Elastic scattering of γ-rays, A. K. Mann—4
Energy distribution at large angles of high-energy electrons in bremsstrahlung, David G. Keiffer and George Parzen—1244
Influence of atomic electrons on radiation and pair production, John A. Wheeler and Willis E. Lamb, Jr.—1836(E)
Nuclear elastic scattering of photons, E. G. Fuller and Evans Hayward—692
Recombination radiation from InSb, T. S. Moss and T. H. Hawkins—1609(L)
Relativistic and screening effects in radiative electron capture, R. J. Glauber, P. C. Martin, T. Lindqvist, and C.-S. Wu—905(L)

Radio Waves (see **Radiation**)

Radioactivity (see also **Nuclear Spectra**)
α-γ angular correlation in Bi^{212}(ThC), John W. Horton—717
Auger effect in heaviest elements, Peter R. Gray—1306
Em^{221} properties, F. F. Momyer, Jr., and E. K. Hyde—136
Molecular excitation in β decay, Murray Cantwell—1747
Pu^{244} α half-life, Herbert Diamond and Raymond F. Barnes—1064
Recoil broadening of internal conversion lines associated with α decay, J. Burde and S. G. Cohen—495(L)
Tritium production by high-energy protons, Lloyd A. Currie, W. F. Libby, and Richard L. Wolfgang—1557

Raman Spectra (see **Molecular Structure and Spectra**)

Range and Energy Loss of Particles (see also **Scattering**)
Angular dependence of characteristic energy loss of electrons passing through metal foils, Richard A. Ferrell—554
Comparison of characteristic energy losses of electrons with fine structure of x-ray absorption spectra, Lewis B. Leder, H. Mendlowitz, and L. Marton—1460
Range and range dispersion of specific fission fragments, W. M. Good and E. O. Wollan—249
Stopping power of L-electrons, M. C. Walske—940

Recombination (see **Molecular Structure and Spectra**)

Rectifiers (see **Electrical Conductivity and Resistance; Semiconductors**)

Relativity and Gravitation
Classical Maxwell theory with finite-particle sources, Richard Ingraham—1411
Possibility of unequal gravitational and inertial masses, Robert H. Kraichnan—482

Resistance, Electrical (see **Electrical Conductivity and Resistance**)

Resonance Radiation (see **Radiation**)

Scattering, General (see also **Diffraction; Elementary Particle Interactions; Nuclear Reactions; Range and Energy Loss of Particles**)
Low's scattering equation for charged and neutral scalar theories, L. Castillejo, R. H. Dalitz, and F. J. Dyson—453
Relations between bound state problems and scattering theory, Alfred Reifman, Bryce S. DeWitt, and Roger G. Newton—877
Scattering theory, Roger G. Newton—1588
Statistical approach to collision processes: Application to atomic excitation, Robert W. Hart, Ernest P. Gray, and William H. Guier—84
Theory of time-dependent scattering for multichannel processes, H. Ekstein—880

Scattering of α Particles (see also **Nuclear Reactions Induced by α Particles and He^3**)
Elastic scattering of 40-Mev α particles from light elements, G. Igo, H. E. Wegner, and R. M. Eisberg—1508
Elastic scattering of 48-Mev α particles, R. E. Ellis and Larry Schecter—636
Inelastic scattering of 42-Mev α's by Mg, P. C. Gugelot and M. Rickey—1613(L)
Scattering of 22-Mev α particles by N^{14}, D. W. Miller, B. M. Carmichael, U. C. Gupta, V. K. Rasmussen, and M. B. Sampson—740

Scattering of Atoms and Molecules (see **Atomic and Molecular Beams**)

Scattering of Deuterons and Tritons (see also **Nuclear Reactions Induced by Deuterons and Tritons**)
t-t elastic scattering from 1.6 to 2.0 Mev, Dale M. Holm and H. V. Argo—1772

Scattering of Electrons and Positrons (see also **Electrons and Positrons**)
Angular dependence of characteristic energy loss of electrons passing through metal foils, Richard A. Ferrell—554
Angular distribution of betatron target radiation, A. Sirlin—1219
Effects of short-range correlations between two protons in elastic scattering of high-energy electrons by heavy nuclei, B. W. Downs—820
Excitation of electrons in metals by primary electrons, E. M. Baroody—1679
High-energy electron scattering and charge distributions of selected nuclei, Beat Hahn, D. G. Ravenhall, and Robert Hofstadter—1131
Perturbation calculation of elastic scattering of electrons by H atoms, Sidney Borowitz—1835(E)
Scattering of 200-kev electrons in Au, William G. Pettus, Henry G. Blosser, and Frank L. Hereford—17
Statistical approach to collision processes: Application to atomic excitation, Robert W. Hart, Ernest P. Gray, and William H. Guier—84

Scattering of Mesons and Hyperons (see also **Mesons and Hyperons; Nuclear Reactions Induced by Mesons and Hyperons**)
Anomalous magnetic moment of nucleon and pion-nucleon scattering, H. Miyazawa—1564
Effect of failure of isotopic spin conservation on pion-nucleon S waves, H. P. Noyes—320
Effective-range approach to low-energy p-wave pion-nucleon interaction, G. F. Chew and F. E. Low—1570
Optical model potential for pion-nucleus scattering, R. M. Frank, J. L. Gammel, and K. M. Watson—891
Pion-nucleon S-wave phase shifts from ps-ps with cutoff, Charles J. Goebel—468

Scattering of Mesons and Hyperons (Continued)
Pion-proton scattering at 150 and 170 Mev, J. Ashkin, J. P. Blaser, F. Feiner, and M. O. Stern—1149
Scattering of 217-Mev positive pions on hydrogen, Horace D. Taft—1116
78-Mev π^+ meson scattering from Li, Ross Williams, James Rainwater, and Aihud Pevsner—412
Total cross sections for scattering and absorption of pions by nuclei, R. M. Sternheimer—384
Scattering of Neutrons (see also **Nuclear Reactions Induced by Neutrons**)
Bound states and low-energy neutron scattering, R. D. Lawson—311
Charge independence and polarization experiments, L. Wolfenstein—427
Clouded crystal ball analysis of inelastic scattering cross section of neutron into isomeric level $(13/2^+)$ of $_{82}Pb^{207}$, Sophie Oleksa—1034
Differential elastic scattering of 14-Mev neutrons in Bi, Ta, In, Fe, and S, J. O. Elliot—684
Dynamics of neutron scattering by molecules, A. C. Zemach and R. J. Glauber—118
Elastic scattering of neutrons by Li^6 and Li^7, H. B. Willard, J. K. Bair, J. D. Kington, and H. O. Cohn—765
Excitation of some low-lying levels by inelastic neutron scattering, Janet B. Guernsey and A. Wattenberg—1516
Measurements of inelastic scattering cross sections for fast neutrons, J. J. Van Loef and D. A. Lind—103
Neutron diffraction by gases, A. C. Zemach and R. J. Glauber—129
Nonelastic scattering cross sections for fast neutrons, H. L. Taylor, O. Lönsjö, and T. W. Bonner—1835(E)
Optical model analysis of scattering of 14-Mev neutrons, Glen Culler, Sidney Fernbach, and Noah Sherman—1047
Optical model of nucleus with absorbing surface, F. E. Bjorklund, S. Fernbach, and N. Sherman—1832(L)
Radiation widths of nuclear energy levels, J. S. Levin and D. J. Hughes—1328
Scattering of polarized neutrons from protons at 350 Mev, R. T. Siegel, A. J. Hartzler, and W. A. Love—838
Spin dependence of s-wave neutron interaction with Li^7, R. G. Thomas, M. Walt, R. B. Walton, and R. V. Allen —759
Transmission of slow neutrons by liquid He^4. II, Louis Goldstein and Henry S. Sommers, Jr.—1235
Scattering of Protons (see also **Nuclear Reactions Induced by Protons**)
Analysis of small-angle elastic scattering of high-energy protons by carbon, Warren Heckrotte—1406
Charge independence and polarization experiments, L. Wolfenstein—427
Coulomb interference in high-energy p-p scattering, A. Garren—419
Elastic scattering of protons from Li^7, Philip R. Malmberg—114
Elastic scattering of 17-Mev protons by nuclei, I. E. Dayton and G. Schrank—1358
Energy dependence of optical model parameters, Michel A. Melkanoff, S. A. Moszkowski, John Nodvik, and David S. Saxon—507(L)
Inelastic scattering of 18-Mev protons by Mg^{24}, P. C. Gugelot and P. R. Phillips—1614(L)
Inelastic scattering of protons by Ca^{40}, C. M. Braams—1764
Inelastic scattering of 31-Mev protons from Be, J. Benveniste, Reinald G. Finke, and Ernest A. Martinelli—655
p-p scattering from 40 to 95 Mev, U. E. Kruse, J. M. Teem, and N. F. Ramsey—1079
Scattering of Radiation (see **Gamma Rays; Radiation; X-Rays**)
Scintillation Counters (see **Methods and Instruments**)
Secondary Emission (see **Electrical Properties**)
Semiconductors
Chemical bond in semiconductors, E. Mooser and W. B. Pearson—1608(L)
Comparison of surface-excited and volume-excited photoconduction in CdS crystals, Richard H. Bube—1668
Correlation between surface recombination velocity and surface conductivity in Ge, E. Harnik, A. Many, Y. Margoninski, and E. Alexander—1434(L)
Deformation potential theory for n-type Ge, William P. Dumke—531
Delay time of plastic flow in Ge, J. R. Patel—1436(L)
Drift and conductivity mobility in Si, G. W. Ludwig and R. L. Watters—1699
Effect of dislocations on minority carrier lifetime in semiconductors, A. D. Kurtz, S. A. Kulin, and B. L. Averbach—1285
Effect of electric field on surface recombination velocity in Ge, J. E. Thomas, Jr., and R. H. Rediker—984
Effects of pressure on electrical properties of semiconductors, Donald Long—1256
Hall effect in oriented single crystals of n-type Ge, W. M. Bullis and W. E. Krag—580
Infrared absorption and oxygen content in Si and Ge, W. Kaiser, P. H. Keck, and C. F. Lange—1264
Infrared absorption in n-type Ge, H. Y. Fan, W. Spitzer, and R. J. Collins—566
Infrared absorption of InSb, Eugene Blount, Joseph Callaway, Morrel Cohen, William Dumke, and James Phillips —563
New semiconducting compounds, E. Mooser and W. B. Pearson—492(L)
Optical properties of InSb in region from 20 to 200 microns, Hiroshi Yoshinaga and Robert A. Oetjen—526
Photovoltaic effect in GaAs p-n junctions and solar energy conversion, D. A. Jenny, J. J. Loferski, and P. Rappaport—1208(L)
Radiation resulting from recombination of holes and electrons in Si, J. R. Haynes and W. C. Westphal—1676
Recombination radiation from InSb, T. S. Moss and T. H. Hawkins—1609(L)
Relaxation effects in recombination velocity on Ge surfaces under transverse electrostatic fields, A. Many, Y. Margoninski, E. Harnik, and E. Alexander—1433(L)
Simultaneous transport of heavy and light holes in semiconductors with degenerate valence band, Edmund S. Rittner—1291
Surface states on Si and Ge surfaces, H. Statz, G. A. deMars, L. Davis, Jr., and A. Adams, Jr.—1272
Theory of photomagnetoelectric effect in semiconductors, W. van Roosbroeck—1713
Thermally-induced acceptors in Ge, R. A. Logan—1455
Transport and deformation-potential theory for many-valley semiconductors with anisotropic scattering, Conyers Herring and Erich Vogt—944
Use of absorption of infrared radiation to determine carrier distribution in Ge and evaluation of surface recombination velocity, N. J. Harrick—491(L)
Shock Waves (see **Fluid Dynamics**)
Solid State (see **Crystalline State**)
Solutions (see **Liquids**)
Sound (see **Acoustics**)
Spallation (see **Nuclear Reactions**)
Spark Discharge (see **Electrical Discharges**)
Specific Heat (see **Thermal Properties**)
Spectra, Atomic (see **Atomic Structure and Spectra**)

Spectra, General
Interpretation of spectra of atoms and molecules in solid nitrogen condensed at 4.2°K, C. M. Herzfeld and H. P. Broida—606
Spectra emitted from solid nitrogen condensed at 4.2°K from gas discharge, Arnold M. Bass and Herbert P. Broida—1740
Spectra, Molecular (see **Molecular Structure and Spectra**)
Spectra, Nuclear (see **Nuclear Spectra**)
Spectroscopy Technique (see **Methods and Instruments**)
Spinor Fields (see **Field Theory**)
Standards (see **Constants, Standards, Units**)
Stark Effect (see **Atomic Structure and Spectra**)
Statistical Mechanics and Thermodynamics
Dynamics of ionized media, S. Gasiorowicz, M. Neuman, and R. J. Riddell, Jr.—922
Extension of condensation theory of Yang and Lee to pressure ensemble, M. B. Lewis and A. J. F. Siegert—1227
Fluctuation dissipation theorem, J. Weber—1620
Integral equation method in theory of liquids, Liliane Sarolea and Joseph E. Mayer—1657
Magnetic resonance and principle of minimum entropy production, Roald K. Wangsness—1
Melting curves of H_2, D_2, and T_2 up to 3500 kg/cm², R. L. Mills and E. R. Grilly—1246
Statistical approach to collision processes: Application to atomic excitation, Robert W. Hart, Ernest P. Gray, and William H. Guier—84
Validity of assumption of two-body interaction in molecular physics. I, Rosemary T. McGinnies and Laurens Jansen—1301
Statistical Methods (see **Mathematical Methods**)
Superconductivity
Measurements of contact resistance between normal and superconducting metals, Fernand Bedard and Hans Meissner—26
Millimeter wave absorption in superconducting Al, M. A. Biondi, M. P. Garfunkel, and A. O. McCoubrey—1427(L)
Paramagnetic effect in superconductors. II. Further theoretical aspects, Hans Meissner—31; III. Measurements on hollow cylinders of Hg and Sn, Hans Meissner—1660
Structure of intermediate state in superconductors, A. L. Schawlow—573
Superconductivity and electronic specific heat, H. W. Lewis—939
Ultrasonic attenuation in superconducting In, R. W. Morse, P. Tamarkin, and H. Bohm—1610(L)
Very high frequency absorption in superconductors, M. J. Buckingham—1431(L)
Supersonics (see **Fluid Dynamics**)

Thermal Conductivity (see **Thermal Properties**)
Thermal Diffusion (see **Diffusion**)
Thermal Expansion (see **Thermal Properties**)
Thermal Properties
Superconductivity and electronic specific heat, H. W. Lewis—939
Thermal Radiation (see **Radiation**)
Thermionic Emission (see **Electrical Properties**)
Thermodynamics (see **Statistical Mechanics and Thermodynamics**)
Thermoelectric Effect (see **Electrical Properties; Semiconductors**)
Thermoluminescence (see **Luminescence**)
Thermomagnetic Effect (see **Magnetic Properties**)
Total Cross Sections (see **Electrons and Positrons; Nuclear Reactions**)
Transmutation (see **Nuclear Reactions**)

Uncertainty Principle (see **Quantum Mechanics**)
Units (see **Constants, Standards, Units**)

Vacuum Tubes (see **Methods and Instruments**)
Van der Waals Forces (see **Molecular Structure and Spectra**)
Viscosity (see **Liquids**)

Wave Mechanics (see **Quantum Mechanics**)
Work Function (see **Electrical Properties**)

X-Rays
Auger effect in heaviest elements, Peter R. Gray—1306
Comparison of characteristic energy losses of electrons with fine structure of x-ray absorption spectra, Lewis B. Leder, H. Mendlowitz, and L. Marton—1460
Effect of x-irradiation on surface structure of NaCl crystals, Herman R. Leider—56
L x-ray energies of Np, Pu, and Am, George L. Rogosa and William F. Peed—591
Relativistic radiative transitions, W. B. Payne and J. S. Levinger—1020
Soft x-ray absorption of thin films of Fe and FeO, D. E. Carter and M. P. Givens—1469
Structure sensitivity of x-ray coloration of NaCl crystals, R. B. Gordon and A. S. Nowick—977
Surface studies of x-ray irradiated KCl crystals, Walter J. Smith, William J. Leivo, and R. Smoluchowski—37

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found in Fig. 7 is improved for the end of the deuteron range and made worse for the beginning. However it is yet well within our knowledge of the color center concentrations and of the dilatations.

Recoil Broadening of Conversion Lines Associated with Alpha Decay, J. BURDE AND S. G. COHEN [Phys. Rev. **101**, 495 (1956)]. Lines 18 and 19 of the second paragraph should read ". . . the momentum distribution will be a rectangle . . ." instead of ". . . the momentum distribution will be a triangle. . . ."

Effects of a Ring Current on Cosmic Radiation, ERNEST C. RAY [Phys. Rev. **101**, 1142 (1956)]. After the publication of this paper, it was called to my attention that Störmer[1] has developed, in connection with his auroral research, the same methods that I used in discussing cosmic-ray phenomena. In the notation used in our paper, he discussed the ranges

$$3\times10^{-5}\leq R\leq 0.3 \text{ Bv},$$
$$14\leq a\leq 1400,$$
$$0\leq M_r\leq 3.3\times10^{5}.$$

R is the particle rigidity in Bv, a is the radius of the current ring in units of the earth's radius, and M_r is $\pi a^2 r_e^2 I/Mc$, where I is the current in statamperes, r_e is the radius of the earth in cm, M is the earth's dipole moment in gauss-cm^3, and c is the speed of light.

[1] C. Störmer, Arch. sci. phys. nat. (Geneva) **33**, 51, 113 (1912).

Interpretation of the $Be^9(p,d)$ Reaction at Energies of 5 to 30 Mev, S. GLASHOW AND W. SELOVE, [Phys. Rev. **102**, 200 (1956)]. (1) The first full paragraph in the last column on page 202 was accidentally mutilated in print. The second sentence should read: "But since the 95-Mev data show a long high-momentum tail which is not given by the single-particle calculation, it is perhaps more appropriate to fit the momentum density calculated from the experimental data to a function which agrees with the single-particle calculation in the low-energy region, but which possesses an appropriate high-momentum tail." (2) The argument given as to why the transparent-nucleus Born approximation should be more accurate than the Butler approximation is not correct. (We are obliged to N. Austern for pointing this out to us.) Stripping or pickup reactions involving loosely-bound nucleons (such as the loose neutron in Be^9) should rather be viewed as a means of *testing* the transparent, independent-particle, model of the nucleus. This matter will be discussed in more detail in a separate communication.

PHYSICAL REVIEW VOLUME 102, NUMBER 6 JUNE 15, 1956

Author Index to Volume 102

References with (L) are to Letters to the Editor. References with (E) are to Errata.

Adams, E. N. and P. N. Argyres. Acceleration of electrons by external force field—605
Aggson, T. A., W. B. Fretter, E. W. Friesen, L. F. Hansen, R. G. Kepler, and A. Lagarrigue. Decay in flight of negative and positive τ-meson—243
Agy, Vaughn. Ionospheric effects produced by solar flare radiation—917(L)
Allison, F. E. and Emerson M. Pugh. Temperature dependence of Hall coefficients in some CuNi alloys—1281
Allison, S. K., J. Cuevas, and P. G. Murphy. Experimental cross sections for charge-changing collisions of He^+ and He^{++} ions traversing gases—1041
——, **P. G. Murphy, and E. Norbeck, Jr.** Mass of B^{18} from nuclear reaction $Li^7(Li^7,p)B^{18}$—1182(L)
Amaldi, E. (see Chamberlain, O.)—921(L)
Ambler, E. and R. P. Hudson. New materials for magnetic cooling and thermometry below 1°K—916(L)
Anderson, J. M. and L. Goldstein. Momentum transfer cross section and fractional energy loss in collisions of slow electrons with N_2 molecules—388
—— **and L. Goldstein.** Variation with electron energy of collision cross section of He for slow electrons—933
Anderson, John D., Robert W. Kenney, and Charles A. McDonald, Jr. Total electron Compton cross section at 319 Mev—1626
——, **Robert W. Kenney, Charles A. McDonald, Jr., and Richard F. Post.** Pair production in field of orbital electrons by total absorption method at 319 Mev—1632
Anderson, P. W. Ordering and antiferromagnetism in ferrites—1008
—— (see Holden, A. N.)—1463
Anderson, Paul A. and Angus W. Hunt. Work function of Pb—367
Anderson, Weston A. Nuclear magnetic resonance spectra of some hydrocarbons—151
Aoyagi, Keizô (see Yamamoto, Mikio)—1295
Argyres, P. N. (see Adams, E. N.)—605
Arnold, James T. Magnetic resonances of protons in ethyl alcohol—136
Atkins, K. R., H. Seki, and E. U. Condon. Flow of liquid He through porous Vycor glass—582(L)
Aven, M. H., R. S. Craig, T. R. Waite, and W. E. Wallace. Heat capacity of Ti between 4°K and 15°K—1263
Axel, Peter and John D. Fox. Implications of photonuclear effect in Zr^{90}—400
—— (see Pullman, Ira)—1366

Bach, D. R. and P. V. C. Hough. States of low excitation in O^{18}—1341
Bahadur, Kanwar (see Müller, Erwin W.)—624
Barkas, Walter H., Paul H. Barrett, Pierre Cuer, Harry H. Heckman, Frances M. Smith, and Harold K. Ticho. High-velocity particle ranges in emulsion—583(L)
Barker, W. A. and A. Mencher. Thermodynamics and Overhauser nuclear polarization effect—1023
Barnes, J. W. (see Knight, J. D.)—1592

Barnes, R. F. (see Friedman, A. M.)—585(L)
Baroni, G. (see Chamberlain, O.)—921(L)
Barrett, Paul H. (see Barkas, Walter H.)—583(L)
Barschall, H. H. (see Becker, R. L.)—1384
Bartholomew, G. A. (see Litherland, A. E.)—208
Bassani, Franco and Robb Thomson. Association energy of vacancies and impurities with edge dislocations in NaCl—1264
Batdorf, R. L. (see Wertz, John E.)—920(L)
Bauerle, J. E., C. E. Klabunde, and J. S. Koehler. Resistivity increase in water-quenched Au—1182(L)
Bean, C. P. (see Meiklejohn, W. H.)—1413(L)
Becker, R. L. and H. H. Barschall. Total cross sections of light elements for (α,n) neutrons—1384
Bedard, Fernand, Hans Meissner, and George E. Owen. Investigation of electron emission from superconductors—667
Beeler, R., D. Roux, G. Béné, and R. Extermann. Rapid-passage effects in electron spin resonance—295(L)
Béné, G. (see Beeler, R.)—295(L)
Berghout, C. W. (see Druyvesteyn, M. J.)—1686(L)
Berko, Stephan and A. Joseph Zuchelli. Free-radical quenching of positron lifetimes—724
Bernstein, David and W. K. H. Panofsky. Bremsstrahlung yield of high-energy electrons in H—522
Bernstein, S., M. M. Shapiro, C. P. Stanford, T. E. Stephenson, J. B. Dial, S. Freed, G. W. Parker, A. R. Brosi, G. Herbert, and T. W. DeWitt. Neutron cross section of Xe^{135} as function of energy—823
Bersohn, R. (see Das, T. P.)—733
Biedenharn, L. C. Sommerfeld's bremsstrahlung formula—262
—— (see Thaler, R. M.)—1567
Biondi, Manfred A. Optical absorption of Cu and Ag at 4.2°K—964
Bitter, Francis (see Waymouth, John F.)—686
Blackman, Vernon (see Griffith, Wayland)—1209
Blau, M. Hyperfragments and slow K-mesons in stars produced by 3-Bev protons—495
—— **and A. R. Oliver.** Interaction of 750-Mev π^- mesons with emulsion nuclei—489
Bleuler, E. (see Thieme, M. T.)—195
Bloch, F. Dynamical theory of nuclear induction. II—104
Block, R. (see Newson, H. W.)—1580
Bludman, Sidney A. Interpretation of K-meson decays—1420(L)
Blumenfeld, H., E. T. Booth, L. M. Lederman, and W. Chinowsky. Associated production and lifetimes of Λ^0 and θ^0 particles—1184(L)
Bockasten, Kjell. Polarizability of Mg^{+2} derived from hydrogen-like terms of Mg II—729
Bodine, Joseph H., Jr. Hall coefficient and thermoelectric power of Th metal—1459
Bollinger, Lowell M. (see Palmer, R. Ronald)—228
Bömmel, H. E., W. P. Mason, and A. W. Warner. Dislocations, relaxations, and anelasticity of crystal quartz—64
Bonner, Norman A. (see Wolke, Robert L.)—530
Bonner, T. W., Alfred A. Kraus, Jr., J. B. Marion, and J. P. Schiffer. Neutrons and γ-rays from α particle bombardment of Be^9, B^{10}, B^{11}, C^{13}, and O^{18}—1348
Booth, E., L. Madansky, and F. Rasetti. Decay of ionium (Th^{230})—800
Booth, E. T. (see Blumenfeld, H.)—1184(L)
Bowen, T. (see Haskin, D. M.)—244
Bowers, Raymond. Magnetic susceptibility of Cu metal at low temperatures—1486
Bowman, H. R. (see Hulet, E. K.)—1621
Brabant, John M., Bruce Cork, Nahmin Horwitz, Burton J. Moyer, Joseph J. Murray, Roger Wallace, and William A. Wenzel. Interactions of antiprotons in lead glass—1622
Bradley, Lee C., III. Hfs by coincidence techniques—293(L)
Braid, T. H. Neutron-capture γ-rays from various elements—1109
Brazos, J. N. and R. M. Steffen. Angular momenta and parities of excited states of Cd^{114}—753
Breit, G. Transfer of nuclear particles—549
Brickl, David (see Griffith, Wayland)—1209
Bridge, H. S., D. O. Caldwell, Y. Pal, and B. Rossi. Further analysis of M.I.T. antiproton event—930(L)
Brockman, Karl W., Jr. Differential cross section for proton-helium scattering near 17.5 Mev—391
Bromley, D. A. and N. S. Wall. Elastic scattering of 5.25-Mev protons from Co, Ni, Cu, and Zn—1560
Brosi, A. R. (see Bernstein, S.)—823
Brown, J. L., D. A. Glaser, and M. L. Perl. Liquid Xe bubble chamber—586(L)
Brown, Thomas H. (see Pastor, Ricardo C.)—918(L)
Browne, M. (see Owen, J.)—1501
Brueckner, K. A. and K. M. Watson. Use of Boltzmann equation for study of ionized gases of low density. II—19
Brun, E., J. J. Kraushaar, and W. E. Meyerhof. Decay of As^{72}—808
Bruner, L. J. (see Tannhauser, D. S.)—1276
Burde, J. and S. G. Cohen. Recoil broadening of conversion lines associated with α decay—1689(E)
Burson, S. B. (see Martin, D. W.)—457
Butler, J. P. (see Jones, M.)—203
Button, K. J. (see Lax, Benjamin)—715

Caldwell, D. O. (see Bridge, H. S.)—930(L)
Callaway, Joseph. Relativistic corrections to cohesive energies of alkali metals—919(L)
Carbone, R. J., E. N. Fuls, and E. Everhart. Charge analysis and differential cross-section measurements for large-angle argon ion—argon atom collisions with energies between 25 and 138 kev—1524
Carver, Thomas R. and Charles P. Slichter. Experimental verification of Overhauser nuclear polarization effect—975
Case, K. M. (see Moldauer, P. A.)—279
Castagnoli, C. (see Chamberlain, O.)—921(L)
Chamberlain, Owen, W. W. Chupp, A. G. Ekspong, G. Goldhaber, S. Goldhaber, E. J. Lofgren, E. Segrè, C. Wiegand, E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti, and A. Manfredini. Example of antiproton-nucleon annihilation—921(L)
—— **and David D. Clark.** Elastic scattering of 340-Mev protons by deuterons—473
——, **Donald V. Keller, Emilio Segrè, Herbert M. Steiner, Clyde Wiegand, and Thomas Ypsilantis.** Antiproton interaction cross sections—1637
——, **Emilio Segrè, Robert D. Tripp, Clyde Wiegand, and Thomas Ypsilantis.** Elastic scattering of 315-Mev polarized protons by complex nuclei—1659
Chandrasekhar, S. Theory of turbulence—941
Chasmar, R. P. and R. Stratton. Effective electron mass in InAs and InSb—1686(L)
Chester, G. V. (see Donnelly, R. J.)—3
Cheston, W. B. Interaction of K-particles with nuclear matter—517
Chetham-Strode, Alfred, Jr., Gregory R. Choppin, and Bernard G. Harvey. Mass assignment of 44-min Cf^{246} and new isotope Cf^{244}—747
Chinowsky, W. (see Blumenfeld, H.)—1184(L)
Choppin, Gregory R., Bernard G. Harvey, Donald A. Hicks, John Ise, Jr., and Robert V. Pyle. Prompt neutrons from spontaneous fission of Fm^{254}—766
—— (see Chetham-Strode, Alfred, Jr.)—747

Chou, C. N. Speed measurement of cosmic-ray particles using millimicrosecond timing circuit—848
Chupp, W. W. (see Chamberlain, O.)—921(L)
Chynoweth, A. G. Spontaneous polarization of guanidine aluminum sulfate hexahydrate at low temperatures—1021
—— Surface space charge layers in $BaTiO_3$—705
—— **and K. G. McKay.** Photon emission from avalanche breakdown in Si—369
Cini, M. and S. Fubini. Exact sum rules in fixed-source meson theory—1687(L)
Clark, David D. (see Chamberlain, Owen)—473
Cleland, J. W., J. H. Crawford, Jr., and D. K. Holmes. Effects of γ radiation on Ge—722
Cohen, B. L. Proton-induced reactions in Na^{23}, Al^{27}, and Si^{30}—453
Cohen, Michael (see Feynman, R. P.)—1189
Cohen, S. G. (see Burde, J.)—1689(E)
Cole, F. T. (see Kerst, D. W.)—590(L)
Coles, B. R. (see Taylor, J. C.)—27
Combrisson, J. (see Honig, A.)—917(L)
Condon, E. U. (see Atkins, K. R.)—582(L)
Connors, Donald R., Walter C. Miller, and Bernard Waldman. Internal conversion spectrum of Au^{198}—1584
Corak, W. S., B. B. Goodman, C. B. Satterthwaite, and A. Wexler. Atomic heats of normal and superconducting V—656
—— **and C. B. Satterthwaite.** Atomic heats of normal and superconducting Sn between 1.2° and 4.5°K—662
Cork, Bruce (see Brabant, John M.)—1622
Cork, J. M. (see Martin, D. W.)—457
Corliss, L. M. (see Hastings, J. M.)—1460
Cowper, G. (see Jones, M.)—203
Craig, R. S. (see Åven, M. H.)—1263
Crane, H. R. (see Kerst, D. W.)—590(L)
Crasemann, Bernd, D. E. Rehfuss, and H. T. Easterday. Disintegration of Ge^{68}—1344
Crawford, J. H., Jr. (see Cleland, J. W.)—722
Crouch, M. F., V. E. Krohn, and G. R. Ringo. Coherent neutron scattering amplitudes of Kr and Xe, and electron-neutron interaction—1321
Cuer, Pierre (see Barkas, Walter H.)—583(L)
Cuevas, J. (see Allison, S. K.)—1041
Czyz, W. Angular distribution of neutrons from $Be^9(\gamma,n)Be^8$ reaction—1185(L)

Das, T. P. and R. Bersohn. Variational approach to quadrupole polarizability of ions—733
Daunt, J. G. (see Korringa, J.)—92
Davis, Leverett, Jr. Fluid self-excited dynamo—939
Davis, R. E. (see Goldberg, Colman)—1254
Day, Paul P. K-capture branch in Tm^{170}—1572
Day, Robert B. γ rays from neutron inelastic scattering—767
DeBenedetti, S. (see Sugarman, R.)—857
Delbecq, C. J. (see Primak, W.)—1689(E)
d'Espagnat, B. and J. Prentki. Symmetries in isotopic spin space and charge operator—1684
Deutsch, Martin (see Greenberg, Jack S.)—415
DeVaux, L. H. and F. A. Pizzarello. Elastic constants of InSb—85
DeVore, H. B. Spectral distribution of photoconductivity—86
DeWitt, T. W. (see Bernstein, S.)—823
Dial, J. B. (see Bernstein, S.)—823
Diamond, H. (see Fields, P. R.)—180
Diamond, R. M. (see Meadows, J. W.)—190
Dobrowolski, W. (see Jones, R. V.)—738
Dodd, Cyril (see Glaser, Donald A.)—1653
Donnelly, R. J., G. V. Chester, R. H. Walmsley, and C. T. Lane. Kinematic viscosity of He II—3
Dorain, Paul (see Hutchison, Clyde A., Jr.)—292(L)
Drisko, R. M. Spin and polarization effects in annihilation of triplet positronium—1542
Dropesky, B. J. and A. W. Schardt. Decay of new nuclide Ne^{24}—426
Druyvesteyn, M. J. and C. W. Berghout. Influence of elastic strain on self-diffusion of Cu at low temperatures—1686(L)
Dubey, V. S. (see Potnis, V. R.)—459
Dudley, John M., Fred W. Inman, and Robert W. Kenney. Polarization of bremsstrahlen—925(L)
Dyson, Freeman J. General theory of spin-wave interactions—1217
—— Thermodynamic behavior of ideal ferromagnet—1230

Easterday, H. T. (see Crasemann, Bernd)—1344
Eastwood, T. A. (see Jones, M.)—203
Eguchi, Tetsuo. Radiative $\pi - e$ decay—879
Eichler, E. (see O'Kelley, G. D.)—223
Eisberg, R. M. Scattering of 40-Mev protons from He^4—1104
Ekspong, A. Gösta and Gerson Goldhaber. Decay modes of negative K mesons—1187(L)
—— (see Chamberlain, O.)—921(L)
Engelkemeir, D. (see Magnusson, L. B.)—1097
Eriksson, Karl B. S. Coupling of electrons with high orbital angular momentum, illustrated by $2p\,nf$ and $2p\,ng$ in N II—102
Everhart, E. (see Carbone, R. J.)—1524
Ewald, A. W. (see Kohnke, E. E.)—1481
Extermann, R. (see Beeler, R.)—295(L)

Fairhall, A. W. Fission of Bi with 15- and 22-Mev deuterons—1335
Fano, U. Differential inelastic scattering of relativistic charged particles—385
Feld, B. T. (see Odian, A. C.)—837
Feldman, David (see Ohnuma, Shoroku)—1641
Feldman, G. and P. T. Matthews. Crossing symmetry in meson-nucleon scattering—1421
Fenton, K. B. (see Simpson, J. A.)—1648
Ferrell, Richard A. and William M. Visscher. Theory of 0^+ states of O^{16}—450
Feshbach, Herman and Earle Lomon. Nucleon-nucleon scattering—891
Feynman, R. P. and Michael Cohen. Energy spectrum of excitations in liquid He—1189
Fields, P. R., M. H. Studier, H. Diamond, J. F. Mech, M. G. Inghram, G. L. Pyle, C. M. Stevens, S. Fried, W. M. Manning, A. Ghiorso, S. G. Thompson, G. H. Higgins, and G. T. Seaborg. Transplutonium elements in thermonuclear test debris—180
—— (see Friedman, A. M.)—585(L)
—— (see Magnusson, L. B.)—1097
—— (see Smith, A. B.)—813
Floyd, J. J. (see Sher, R.)—242
Foldy, Leslie L. Synthesis of covariant particle equations—568
—— (see Nigam, B. P.)—1410
Foley, H. M. (see Sternheimer, R. M.)—731
Fong, Peter. Statistical theory of nuclear fission: asymmetric fission—434
Fournet, D. M. and M. Widgoff. Interactions of K^- mesons in nuclear emulsion—929(L)
Fowler, T. K. Mesonic *vs* nonmesonic hyperfragment decay—844
Fox, John D. (see Axel, Peter)—400
Frankel, Sherman (see Golden, Robert K.)—1053
Franzinetti, C. (see Chamberlain, O.)—921(L)
Fred, Mark (see Manning, Thurston E.)—1108

Freed, S. (see Bernstein, S.)—823
Freistadt, Hans. Quantized field theory in Hamilton-Jacobi formalism—274
Fretter, W. B. (see Aggson, T. A.)—243
Fried, S. (see Fields, P. R.)—180
Friedman, A. M., J. E. Gindler, R. F. Barnes, R. Sjoblom, and P. R. Fields. Properties of Fm^{252}—585(L)
—— (see Magnusson, L. B.)—1097
—— (see Smith, A. B.)—813
Friesen, E. W. (see Aggson, T. A.)—243
Fubini, S. (see Cini, M.)—1687(L)
Fuls, E. N. (see Carbone, R. J.)—1524

Geltman, Sydney. Theory of ionization probability near threshold—171
Geusic, J. E. Paramagnetic fine structure spectrum of Cr^{+++} in single ruby crystal—1252
Ghiorso, A. (see Fields, P. R.)—180
Gibbons, John H. Neutron resonances in kev region—1574
—— (see Macklin, R. L.)—797
—— (see Newson, H. W.)—1580
Gilbert, F. Charles (see Iloff, Edwin L.)—927(L)
Gilvarry, J. J. Equation of fusion curve—325
—— Grüneisen parameter for solid under finite strain—331
—— Grüneisen's law and fusion curve at high pressure—317
—— Lindemann and Grüneisen laws—308
Gindler, J. E. (see Friedman, A. M.)—585(L)
Glaser, Donald A., David C. Rahm, and Cyril Dodd. Bubble counting for determination of velocities of charged particles in bubble chambers—1653
—— (see Brown, J. L.)—586(L)
Glashow, S. and W. Selove. Interpretation of $Be^9(p,d)$ reaction at energies of 5 to 30 Mev—200; 1689(E)
Glasser, R. G. (see Haskin, D. M.)—244
Glicksman, Maurice. Galvanomagnetic effects in semiconductor with two sets of spheroidal energy surfaces—1496
Goldberg, Colman and R. E. Davis. Weak field magnetoresistance of *n*-type Ge—1254
Golden, Robert K. and Sherman Frankel. Electron scattering in *K*-electron—γ angular correlation in Sn^{117}—1053
Goldhaber, Gerson (see Chamberlain, O.)—921(L)
—— (see Ekspong, A. Gösta)—1187(L)
—— (see Iloff, Edwin L.)—927(L)
Goldhaber, Sulamith (see Chamberlain, O.)—921(L)
—— (see Iloff, Edwin L.)—927(L)
Goldstein, L. (see Anderson, J. M.)—388; 933
Goldstein, Louis. Nuclear spin system of liquid He^3—1205
Goldstein, M. (see Thaler, R. M.)—1567
Goldstein, S. and I. Talmi. Related *jj*-coupling configurations in K^{40} and Cl^{36}—589(L)
Good, R. H., Jr. (see Murphy, E. L.)—1464
Goodenough, John B. Interpretation of domain patterns recently found in BiMn and SiFe alloys—356
Goodman, B. B. (see Corak, W. S.)—656
Gorman, R. L. (see Overhauser, A. A.)—676
Gove, H. E. (see Litherland, A. E.)—208
Grannis, F. H. (see McGuire, T. R.)—1000
Grayson, W. C., Jr., and L. W. Nordheim. Nuclear matrix elements for allowed β-transitions—1084
——, **and L. W. Nordheim.** Unfavored factors for allowed β-transitions—1093
Green, Alex E. S. Realistic independent-particle model of nucleus—1325
Green, B. and L. Madansky. Lifetime of positrons in superconducting Pb—1014
Green, Robert B. Intersection faulting mechanism theory of flow and fracture of face-centered cubic metals—376
Greenberg, Jack S. and Martin Deutsch. Positrons from decay of P^{32} and Y^{90}—415
Greene, R. F. (see Longini, R. L.)—992
Gregg, E. C. (see Stearns, Robert L.)—1
Griffith, Wayland, David Brickl, and Vernon Blackman. Structure of shock waves in polyatomic gases—1209
Grodzins, Lee and Henry Motz. Decay of In^{114m} and In^{114}—761
Gross, E. P. and M. Krook. Model for collision processes in gases: small-amplitude oscillations of charged two-component systems—593
Grosskreutz, J. C. (see Weller, C. E.)—1149
Grove, G. R. (see Kirby, H. W.)—1140

Handler, Harry E. and J. Reginald Richardson. γ-γ angular correlation in decay of Cl^{34}—833
Hansen, L. F. (see Aggson, T. A.)—243
Hanson, H. P. and J. R. Knight. X-ray absorption edges of transition metal salts—632
Harada, R. H. and H. T. Minden. Photosensitization of PbS films—1258
Harris, G. (see Orear, J.)—1676
Harrison, Don E., Jr. Theory of sputtering process—1473
Harrower, G. A. Auger electron emission in energy spectra of secondary electrons from Mo and W—340
—— Dependence of electron reflection on contamination of reflecting surface—1288
Hartman, P. L. (see Tomboulian, D. H.)—1423
Harvey, Bernard G. (see Chetham-Strode, Alfred, Jr.)—747
—— (see Choppin, Gregory R.)—766
Haskin, D. M., Theodore Bowen, R. G. Glasser, and Marcel Schein. Binding energy of T hyperfragments—244
Hastings, J. M. and L. M. Corliss. Antiferromagnetic transition in Zn ferrite—1460
Heckman, Harry H. (see Barkas, Walter H.)—583(L)
Hein, Robert A. Investigation of superconductivity of Hf—1511
Heinberg, Milton (see Page, Lorne A.)—1545
Herbert, G. (see Bernstein, S.)—823
Herlin, Melvin A. (see Kolm, Henry H.)—607
Hicks, Donald A. (see Choppin, Gregory R.)—766
Hicks, H. G., P. C. Stevenson, and W. E. Nervik. Reaction $Al^{27}(p,3pn)Na^{24}$—1390
Higgins, G. H. (see Fields, P. R.)—180
Hoang, T. F., M. F. Kaplon, and G. Yekutieli. Ratios of decay modes of K^+ mesons produced by Cosmotron—1185(L)
Hodge, Bartow and Lloyd W. Morris. Cloud-chamber study of second maximum—1164
Hoerni, Jean A. Multiple elastic scattering in electron diffraction by crystals—1534
—— Multiple elastic scattering in electron diffraction by molecules—1530
Hoff, Richard W., James L. Olsen, and Lloyd G. Mann. Electron capture and α decay of Np^{235}—805
—— (see Hulet, E. K.)—1621
Hofstadter, R. (see McAllister, R. W.)—851
Holden, A. N., B. T. Matthias, P. W. Anderson, and H. W. Lewis. New low-temperature ferromagnets—1463
Hollander, J. M., W. G. Smith, and J. W. Mihelich. Energy levels of Pu^{239} populated by β decay of Np^{239}—740
——, **W. G. Smith, and J. O. Rasmussen.** Energy levels of Np^{237} populated by α decay of Am^{241}—1372
Holmes, D. K. (see Cleland, J. W.)—722
Honig, A. and J. Combrisson. Paramagnetic resonance in As-doped Si—917(L)
Hope, J. and L. W. Longdon. Tensor operator methods and two-body spin-orbit interaction—1124
Hornbostel, J. and E. O. Salant. Interactions of negative *K* mesons—502
Horwitz, Nahmin (see Brabant, John M.)—1622
Hough, P. V. C. (see Bach, D. R.)—1341

Hove, John E. Interstitialcy diffusion mechanism in AgCl —915(L)
Huang, Kerson. Internal pair creation in β decay—422
Hudson, R. P. (see Ambler, E.)—916(L)
Huizenga, J. R., V. E. Krohn, and S. Raboy. Angular correlation of γ rays in Pb^{204m}—1063
—— **and J. Wing.** Long-lived Pb^{205}—926(L)
Hulet, E. K. New isotope of Bk—182
——, **H. R. Bowman, M. C. Michel, and R. W. Hoff.** Thermal-neutron fission cross section of Pu^{240}—1621
Hulthén, E. and H. Neuhaus. Magnetic hfs in bismuth hydride and deuteride—1415(L)
Hunt, Angus W. (see Anderson, Paul A.)—367
Hutchison, Clyde A., Jr., P. M. Llewellyn, Eugene Wong, and Paul Dorain. Paramagnetic resonance absorption in uranium (III) chloride and nuclear spin of U^{235}—292(L)
Hutson, A. R. Effect of water vapor on Ge surface potential —381

Igo, G. and H. E. Wegner. Anomaly in energy level density measurements—1364
Iloff, Edwin L., Gerson Goldhaber, Sulamith Goldhaber, Joseph E. Lannutti, F. Charles Gilbert, Charles E. Violet, and M. Widgoff. Mean lifetime of negative K mesons—927(L)
Inghram, M. G. (see Fields, P. R.)—180
Inman, Fred W. (see Dudley, John M.)—925(L)
Ise, John, Jr. (see Choppin, Gregory R.)—766

Jackson, H. G. (see Jones, M.)—203
Jain, P. L. (see Wertz, John E.)—920(L)
Jankus, V. Z. Calculation of electron-deuteron scattering cross sections—1586
Jean, Maurice (see Wilets, Lawrence)—788
Jeffries, C. D. (see Jones, R. V.)—738
Jensen, E. N. (see Waddell, R. C.)—816
Jesse, William P. and John Sadauskis. Recoil particles from Po^{210} and their ionization in A and He—389
Johnson, Noah R., Raymond K. Sheline, and Richard Wolfgang. Decay of Ni^{66}—831
Johnson, O. E. (see Johnson, R. G.)—1142
Johnson, R. G., O. E. Johnson, and L. M. Langer. β spectrum of Cl^{36}—1142
Jona, Franco (see Pepinsky, Ray)—1181(L)
Jones, L. W. (see Kerst, D. W.)—590(L)
Jones, M., R. P. Schuman, J. P. Butler, G. Cowper, T. A. Eastwood, and H. G. Jackson. Isotopes of E and Fm produced by neutron irradiation of Pu—203
Jones, R. V., W. Dobrowolski, and C. D. Jeffries. Paramagnetic resonance hfs of Co^{58}—738
Jory, F. S. Influence of geomagnetic quadrupole fields upon cosmic-ray intensity—1167

Kaplan, Thomas A. Relationship between reciprocity theorems of Onsager and of Callen-Greene—1447
Kaplon, M. F. (see Hoang, T. F.)—1185(L)
Karplus, Robert (see Ruderman, Malvin)—247
Katzman, J. (see Simpson, J. A.)—1648
Kaufmann, A. R. (see Lin, S. T.)—640
Kay, Irvin (see Keller, Joseph B.)—557
Keller, Donald V. (see Chamberlain, Owen)—1637
Keller, Joseph B., Irvin Kay, and Jerry Shmoys. Determination of potential from scattering data—557
Kelly, W. H. and M. L. Wiedenbeck. Directional correlation of γ rays of La^{140}, Ce^{140}, Pt^{189}, and As^{75}—1130
Kenney, Robert W. (see Anderson, John D.)—1626; 1632
—— (see Dudley, John M.)—925(L)
Kepler, R. G. (see Aggson, T. A.)—243
Kerst, D. W., F. T. Cole, H. R. Crane, L. W. Jones, L. J. Laslett, T. Ohkawa, A. M. Sessler, K. R. Symon, K. M. Terwilliger, and Nils Vogt Nilsen. Attainment of very high energy by means of intersecting beams of particles—590(L)
Kettner, M. E. Atomic masses from C^{13} to Ne^{22}—1065
Kiive, P. (see Pinnick, H. T.)—58
Kim, Young B. Energy distribution of neutral mesons produced in cosmic-ray stars—882
Kirby, H. W., G. R. Grove, and D. L. Timma. Neutron capture cross section of Ac^{227}—1140
Kittel, C. (see Owen, J.)—1501
Klabunde, C. E. (see Bauerle, J. E.)—1182(L)
Klein, Abraham. Derivation of Low scattering formalism—913
Klema, Ernest D. γ-γ angular correlation in Sr^{85}—449
Knight, J. D., J. P. Mize, J. W. Starner, and J. W. Barnes. Radiations of Te^{127} and Te^{127m}—1592
Knight, J. R. (see Hanson, H. P.)—632
Knight, W. D. (see Owen, J.)—1501
Kobayashi, Koichi. Annealing of irradiation effects in NaCl irradiated with high-energy protons—348
Koch, H. W. (see Starfelt, N.)—1598
Koehler, J. S. (see Bauerle, J. E.)—1182(L)
Kohnke, E. E. and A. W. Ewald. Hall effect in gray Sn filaments—1481
Kolm, Henry H. and Melvin A. Herlin. New method for measuring absolute viscosity of liquid He II—607
Kołos, Włodzimierz. Statistical method and molecular binding—1052
Korringa, J. and J. G. Daunt. Susceptibility and entropy of F-centers in alkali-halides below 1°K—92
Kouvel, J. S. Specific heat of magnetite crystal at liquid He temperatures—1489
Kraus, Alfred A., Jr. (see Bonner, T. W.)—1348
Kraushaar, J. J. (see Brun, E.)—808
Krohn, V. E. (see Crouch, M. F.)—1321
—— (see Huizenga, J. R.)—1063
Krook, M. (see Gross, E. P.)—593
Kumar, Kailash (see Preston, M. A.)—1347

Lagarrigue, A. (see Aggson, T. A.)—243
Lampert, Murray A. Incidence of electromagnetic wave on "Čerenkov electron gas"—299
Lane, C. T. (see Donnelly, R. J.)—3
Langer, L. M. (see Johnson, R. G.)—1142
Lannutti, Joseph E. (see Iloff, Edwin L.)—927(L)
Larach, Simon and Ross E. Shrader. Electroluminescence from BN—582(L)
Laslett, L. J. (see Kerst, D. W.)—590(L)
Lawson, A. W. (see Tannhauser, D. S.)—1276
Lawson, R. D. (see Ross, A. A.)—1613
Lax, Benjamin, K. J. Button, H. J. Zeiger, and Laura M. Roth. Analysis of cyclotron absorption in Bi—715
Lazar, N. H. Decay of Sb^{125}—1058
—— (see O'Kelley, G. D.)—223
Leachman, R. B. (see Schmitt, H. W.)—183
Lederman, L. M. (see Blumenfeld, H.)—1184(L)
Lee, T. D. and C. N. Yang. Mass degeneracy of heavy mesons—290
Letaw, Harry, Jr., William M. Portnoy, and Lawrence Slifkin. Self-diffusion in Ge—636
Levy, R. A. Electron spin resonance in metals and metal-ammonia solutions—31
Lewis, H. W. Two-fluid model of "energy-gap" superconductor—1508
—— (see Holden, A. N.)—1463
Lewis, R. R., Jr. Potential scattering of high-energy electrons in second Born approximation—537
—— Scattering of electrons from nuclear charge fluctuations —544

Li, Yin-Yuan. Superexchange interactions and magnetic lattices of rhombohedral sesquioxides of transition elements and their solid solutions—1015
Lin, Lan-Ying. Expansion of KCl and NaCl crystals due to x-ray irradiation of weak intensities—968
Lin, S. T. and A. R. Kaufmann. Magnetic properties of β-UH_3—640
Lippmann, B. A. Rearrangement collisions—264
Litherland, A. E., E. B. Paul, G. A. Bartholomew, and H. E. Gove. γ rays from proton bombardment of Mg^{24}—208
Llewellyn, P. M. (see Hutchison, Clyde A., Jr.)—292(L)
Loebner, E. E. Thermoelectric power, electrical resistance, and crystalline structure of carbons—46
Lofgren, E. J. (see Chamberlain, O.)—921(L)
Lomon, Earle (see Feshbach, Herman)—891
London, F. Alignment of hydrogen molecules by high pressure—168
Longdon, L. W. (see Hope, J.)—1124
Longini, R. L. Temperature-dependent factor in carrier lifetime—584(L)
—— **and R. F. Greene.** Ionization interaction between impurities in semiconductors and insulators—992
Luttinger, J. M. Quantum theory of cyclotron resonance in semiconductors: General theory—1030

Mackin, R. J., Jr., W. R. Mills, Jr., and J. Thirion. Radiation from excited states of C^{13}—802
Macklin, R. L., H. W. Schmitt, and J. H. Gibbons. Neutron absorption cross sections of U^{235} and Pu^{239} in 5- to 50-kev energy range—797
Madansky, L. and F. Rasetti. Decay of Rn^{220} and Rn^{222}—464
—— (see Booth, E.)—800
—— (see Green, B.)—1014
Magnusson, L. B., A. M. Friedman, D. Engelkemeir, P. R. Fields, and F. Wagner, Jr. Properties of Bk^{245}—1097
Mandeville, C. E. (see Potnis, V. R.)—459
Manfredini, A. (see Chamberlain, O.)—921(L)
Mann, Lloyd G. (see Hoff, Richard W.)—805
Manning, Thurston E., Mark Fred, and Frank S. Tomkins. Nuclear moments of Am^{241} and Am^{243}—1108
Manning, W. M. (see Fields, P. R.)—180
Marion, Jerry B. and Gustav Weber. Compound nucleus effects in deuteron reactions: $C^{13}(d,\alpha)B^{11}$ and $C^{13}(d,t)C^{12}$—1355
—— (see Bonner, T. W.)—1348
Mark, Hans (see Ross, A. A.)—1613
Marshak, H. (see Newson, H. W.)—1580
Marshall, J. F. (see Shatas, R. A.)—682
Martin, D. W., J. M. Cork, and S. B. Burson. Decay of Ca^{49} and Sc^{49}—457
Mason, W. P. (see Bömmel, H. E.)—64
Mathews, Jon. Compton scattering and bremsstrahlung of spin-3/2 particles—270
Matthews, P. T. (see Feldman, G.)—1421
Matthias, B. T. (see Holden, A. N.)—1463
McAllister, R. W. and R. Hofstadter. Elastic scattering of 188-Mev electrons from proton and α-particle—851
McDonald, Charles A., Jr. (see Anderson, John D.)—1626; 1632
McGuire, T. R., E. J. Scott, and F. H. Grannis. Antiferromagnetism in Cr_2O_3 crystal—1000
McHale, J. L. (see Thaler, R. M.)—1567
McKay, K. G. (see Chynoweth, A. G.)—369
Meadows, J. W., R. M. Diamond, and R. A. Sharp. Excitation functions and yield ratios for isomeric pairs $Br^{80,80m}$, $Co^{58,58m}$, and $Sc^{44,44m}$ formed in (p,pn) reactions—190
Mech, J. F. (see Fields, P. R.)—180
Meiklejohn, W. H. and C. P. Bean. New magnetic anisotropy—1413(L)
Meissner, Hans (see Bedard, Fernand)—667
Mencher, A. (see Barker, W. A.)—1023
Mendlowitz, H. High-energy electron-nuclear scattering—527
Merz, W. J. (see Remeika, J. P.)—295(L)
Meyerhof, W. E. (see Brun, E.)—808
Michel, M. C. (see Hulet, E. K.)—1621
Mihelich, J. W. (see Hollander, J. M.)—740
Miller, Walter C. (see Connors, Donald R.)—1584
Milligan, W. O. (see Richardson, James T.)—1289
Mills, W. R., Jr. (see Mackin, R. J., Jr.)—802
Minden, H. T. (see Harada, R. H.)—1258
Mize, J. P. (see Knight, J. D.)—1592
Mobley, R. A. (see Newson, H. W.)—1580
Moldauer, P. A. and K. M. Case. Properties of half-integral spin Dirac-Fierz-Pauli particles—279
Montroll, Elliott W. and Renfrey B. Potts. Effect of defects on lattice vibrations: interaction of defects and analogy with meson pair theory—72
Morris, Lloyd W. (see Hodge, Bartow)—1164
Morrish, A. H. and S. P. Yu. Magnetic measurements on individual microscopic ferrite particles near single-domain size—670
Morrison, S. Roy. Slow surface reaction on Ge—1297
Moser, F. and F. Urbach. Optical absorption of pure Ag halides—1519
Moses, H. E. Calculation of scattering potential from reflection coefficients—559
Motz, Henry (see Grodzins, Lee)—761
Moyer, Burton J. (see Brabant, John M.)—1622
Müller, Erwin W. Field desorption—618
—— **and Kanwar Bahadur.** Field ionization of gases at metal surface and resolution of field ion microscope—624
Murphy, E. L. and R. H. Good, Jr. Thermionic emission, field emission, and transition region—1464
Murphy, P. G. (see Allison, S. K.)—1041; 1182(L)
Murray, Joseph J. (see Brabant, John M.)—1622

Nervik, W. E. (see Hicks, H. G.)—1390
Neuhaus, H. (see Hulthén, E.)—1415(L)
Newman, R., H. H. Woodbury, and W. W. Tyler. Photoconductivity in Mn-doped Ge—613
Newson, H. W., J. H. Gibbons, H. Marshak, R. M. Williamson, R. A. Mobley, A. L. Toller, and R. Block. Neutron resonances in kev region for heavy even elements—1580
Nier, A. O. (see Quisenberry, K. S.)—1071
—— (see Scolman, T. T.)—1076
Nigam, B. P. and L. L. Foldy. Representation of charge conjugation for Dirac fields—1410
Nilsen, Nils Vogt (see Kerst, D. W.)—590(L)
Norbeck, E., Jr. (see Allison, S. K.)—1182(L)
Nordheim, L. W. (see Grayson, W. C., Jr.)—1084; 1093
Noyes, H. P. and S. P. Pandya. Nucleon-nucleon potential with relativistic cutoff—269

Odian, A. C., P. C. Stein, A. Wattenberg, B. T. Feld, and A. Weinstein. Photoejection of high-energy nucleons from nuclei and quasi-deuteron model. I. Cross sections and angular distributions—837
Oehme, Reinhard. Dispersion relations for pion-nucleon scattering: no-spin-flip amplitude—1174
Ohkawa, T. (see Kerst, D. W.)—590(L)
Ohnuma, Shoroku and David Feldman. Phase-shift analysis of p-p scattering at 150 Mev—1641
O'Kelley, G. D., N. H. Lazar, and E. Eichler. Decay of Rb^{80}—223

Oliver, A. R. (see Blau, M.)—489
Olsen, James L. (see Hoff, Richard W.)—805
O'Neill, Gerard K. Storage-ring synchrotron: device for high-energy physics research—1418(L)
Orear, J., G. Harris, and S. Taylor. Spin and parity analysis of Bevatron τ mesons—1676
Osborne, Louis S. Interpretation of K^+ scattering in nuclear emulsions—296(L)
Overhauser, A. A. and R. L. Gorman. Resistivity of interstitial atoms and vacancies in Cu—676
Owen, George E. (see Bedard, Fernand)—667
Owen, J., M. Browne, W. D. Knight, and C. Kittel. Electron and nuclear spin resonance and magnetic susceptibility—1501
—— **and I. M. Ward.** Nuclear spins of Mo^{95} and Mo^{97}—591(L)

Page, Lorne A. and Milton Heinberg. Narrow components in angular correlation of annihilation quanta from condensed materials—1545
Pal, Y. (see Bridge, H. S.)—930(L)
Palmer, R. Ronald and Lowell M. Bollinger. Neutron cross-section measurements of Sb, Ga, Cd, and Hg—228
Pandya, S. P. (see Noyes, H. P.)—269
Panofsky, W. K. H., W. M. Woodward, and G. B. Yodh. Pion production by inelastic scattering of electrons in H—1392
—— (see Bernstein, David)—522
Parker, G. W. (see Bernstein, S.)—823
Pastor, Ricardo C., John A. Weil, Thomas H. Brown, and John Turkevich. Narrow electron spin resonance in charred dextrose—918(L)
Paul, E. B. (see Litherland, A. E.)—208
Penning, P. Annealing of Ge supersaturated with Ni—1414(L)
Pepinsky, Ray, Franco Jona, and Gen Shirane. Ferroelectricity in alums—1181(L)
Perl, M. L. (see Brown, J. L.)—586(L)
Pinnick, H. T. and P. Kiive. Magnetic susceptibility of carbons and polycrystalline graphites—58
Pizzarello, F. A. (see DeVaux, L. H.)—85
Pleasonton, Frances (see Snell, Arthur H.)—1419(L)
Pomerantz, Martin A. Cosmic-ray observations at very high altitudes during periods of intense solar activity—870
—— (see Shatas, R. A.)—682
Portnoy, William M. (see Letaw, Harry, Jr.)—636
Post, Richard F. (see Anderson, John D.)—1632
Potnis, V. R., V. S. Dubey, and C. E. Mandeville. Angular correlation in Os^{188}—459
Potts, Renfrey B. (see Montroll, Eliott W.)—72
Pound, R. V. and G. K. Wertheim. Directional correlations and electric quadrupole moments of Hg isotopes—396
—— (see Wertheim, G. K.)—185
Pratt, George W., Jr. Unrestricted Hartree-Fock method—1303
Prentki, J. (see d'Espagnat, B.)—1684
Preston, M. A. and Kailash Kumar. Coupling constants in theory of β-decay—1347
Price, P. J. Theory of transport effects in semiconductors: Nernst coefficient, and its relation to thermoelectric power—1245
Primak, W., C. J. Delbecq, and P. H. Yuster. Photoelastic observations of expansion of alkali halides on irradiation—1688(E)
Prince, E. Neutron diffraction observation of heat treatment in cobalt ferrite—674
Proctor, W. G. and W. A. Robinson. Ultrasonic saturation of nuclear magnetic energy levels—1183(L)
Pugh, Emerson M. (see Allison, F. E.)—1281
Pullman, Ira and Peter Axel. Decay of Ce^{144}—1366
Pyle, G. L. (see Fields, P. R.)—180
Pyle, Robert V. (see Choppin, Gregory R.)—766

Quisenberry, K. S., T. T. Scolman, and A. O. Nier. Atomic masses of H^3, D^2, C^{13}, and S^{30}—1071
—— (see Scolman, T. T.)—1076

Raboy, S. (see Huizenga, J. R.)—1063
Rahm, David C. (see Glaser, Donald A.)—1653
Raphael, Robert B. Nucleon scattering and Feshbach-Lomon model—905
Rarita, W. Analytic approach for pion-proton scattering phase shifts—486
Rasetti, F. (see Booth, E.)—800
—— (see Madansky, L.)—464
Rasmussen, J. O. (see Hollander, J. M.)—1372
Ray, Ernest C. Effects of ring current on cosmic radiation—1689(E)
Rehfuss, D. E. (see Crasemann, Bernd)—1344
Reif, F. Observation of nuclear magnetic resonance in superconducting Hg—1417(L)
Remeika, J. P. and W. J. Merz. Guanidine vanadium sulfate hexahydrate, a new ferroelectric material—295(L)
Reulos, Rene. Nonclassical transformation in special relativity—535
Reynolds, H. L., D. W. Scott, and A. Zucker. Nuclear reactions produced by [illegible] B and O—237
—— **and A. Zucker.** Elastic scattering of N by N—1378
—— (see Webb, W. H.)—749
Rice, O. K. Elementary theory of excitations in liquid He: New model for rotons—1416(L)
Richardson, J. Reginald (see Handler, Harry E.)—833
Richardson, James T. and W. O. Milligan. Magnetic properties of colloidal nickelous oxide—1289
Riesenfeld, W. B. and K. M. Watson. Optical-model potential for nucleons scattered by nuclei—1157
Ringo, G. R. (see Crouch, M. F.)—1321
Roberts, Thomas R. and Stephen G. Sydoriak. Thermomolecular pressure ratios for He^3 and He^4—304
Robinson, W. A. (see Proctor, W. G.)—1183(L)
Rose, D. C. (see Simpson, J. A.)—1648
Ross, A. A., Hans Mark, and R. D. Lawson. Nucleon energy levels in diffuse potential—1613
Rossi, B. (see Bridge, H. S.)—930(L)
Roth, Laura M. (see Lax, Benjamin)—715
Roux, D. (see Beeler, R.)—295(L)
Rowland, T. J. (see Walchli, H. E.)—1334
Ruderman, Malvin and Robert Karplus. Spin of Λ^0 particle—247

Sachs, R. G. Interpretation of phase shifts in pion-nucleon scattering—867
Sack, Noam. $d^n p$ configurations of Ti II and Ni II—1302
Saudauskis, John (see Jesse, William P.)—389
Sagalyn, Paul L. Proposed coincidence scheme for elimination of Doppler effect—293(L)
Salant, E. O. (see Hornbostel, J.)—502
Saraf, Babulal. Inner bremsstrahlung emitted in electron capture decay of Ni^{59}, A^{37}, and Fe^{55}—466
Satterthwaite, C. B. (see Corak, W. S.)—656; 662
Saunders, J. H. (see Sirvetz, M. H.)—366
Schardt, A. W. (see Dropesky, B. J.)—426
Schein, Marcel (see Haskin, D. M.)—244
Schiffer, J. P. (see Bonner, T. W.)—1348
Schmitt, H. W. and R. B. Leachman. Ionization *vs* energy relation for fission fragments—183
—— (see Macklin, R. L.)—797
Schoeck, Gunther. Moving dislocations and solute atoms—1458
Schuman, R. P. (see Jones, M.)—203

Scolman, T. T., K. S. Quisenberry, and A. O. Nier. Atomic masses of stable isotopes, $10 \leqslant A \leqslant 30$—1076
—— (see Quisenberry, K. S.)—1071
Scott, D. W. (see Reynolds, H. L.)—237
Scott, E. J. (see McGuire, T. R.)—1000
Scott, Mary Jean and Ralph E. Segel. Neutron-induced charged particle reactions in K^{39}—1557
Seaborg, G. T. (see Fields, P. R.)—180
Segel, Ralph E. (see Scott, Mary Jean)—1557
Segrè, Emilio (see Chamberlain, O.)—921(L); 1637; 1659
Seki, H. (see Atkins, K. R.)—582(L)
Selove, W. (see Glashow, S.)—200; 1689(E)
Sen, Hari K. Structure of magnetohydrodynamic shock wave in plasma of infinite conductivity—5
Sessler, A. M. (see Kerst, D. W.)—590(L)
Shapiro, M. M. (see Bernstein, S.)—823
Sharp, R. A. (see Meadows, J. W.)—190
Shatas, R. A., J. F. Marshall, and M. A. Pomerantz. Dependence of secondary electron emission upon angle of incidence of 1.3-Mev primaries—682
Sheline, Raymond K. (see Johnson, Noah R.)—831
Sher, R. and J. J. Floyd. Triton-induced reactions—242
Shimoda, K., T. C. Wang, and C. H. Townes. Further aspects of theory of maser—1308
Shirane, Gen (see Pepinsky, Ray)—1181(L)
Shmoys, Jerry (see Keller, Joseph B.)—557
Shrader, Ross E. (see Larach, Simon)—582(L)
Shulman, R. G. Hole trapping in Ge bombarded by high-energy electrons—1451
—— **and B. J. Wyluda.** Cu in Ge: recombination center and trapping center—1455
Sidman, Jerome W. Polarized absorption and fluorescence spectra of crystalline anthracene at 4°K: spectral evidence for trapped excitons—96
Siegel, Armand. Stochastic basis of Onsager's minimum principle—953
Simpson, J. A., K. B. Fenton, J. Katzman, and D. C. Rose. Geomagnetic coordinates derived from cosmic-ray observations—1648
Sinclair, Rolf M. γ radiation from inelastic scattering of fast neutrons by isotopes of Te, Ni, and Cu—461
Sirvetz, M. H. and J. H. Saunders. Resonance widths in polycrystalline Ni-Co ferrites—366
Sjoblom, R. (see Friedman, A. M.)—585(L)
Slichter, Charles P. (see Carver, Thomas R.)—975
Slifkin, Lawrence (see Letaw, Harry, Jr.)—636
Smith, A. B., A. M. Friedman, and P. R. Fields. Spontaneous fission kinetics of Cf^{252}—813
Smith, D. O. Magnetization of magnetite single crystal near Curie point—959
Smith, Frances M. (see Barkas, Walter H.)—583(L)
Smith, W. G. (see Hollander, J. M.)—740; 1372
Snell, Arthur H. and Frances Pleasonton. Multiple ionization in Xe following internal conversion—1419(L)
Soberman, Robert K. High-altitude cosmic-ray neutron intensity variations—1399
Stanford, C. P. (see Bernstein, S.)—823
Starfelt, N. and H. W. Koch. Differential cross-section measurements of thin-target bremsstrahlung produced by 2.7- to 9.7-Mev electrons—1598
Starner, J. W. (see Knight, J. D.)—1592
Stearns, Robert L. and E. C. Gregg. Energy spectrum of electrons produced in Al by 17.8-Mev bremsstrahlung—1
Steffen, R. M. (see Brazos, J. N.)—753
Stein, P. C. (see Odian, A. C.)—837
Steiner, Herbert M. (see Chamberlain, Owen)—1637
Stephenson, T. E. (see Bernstein, S.)—823
Sternheimer, R. M. and H. M. Foley. Nuclear quadrupole coupling in polar molecules—731
Stevens, C. M. (see Fields, P. R.)—180
Stevenson, P. C. (see Hicks, H. G.)—1390
Stoker, P. H. Generation of soft component of cosmic radiation in Pb—516
Stork, Donald H. (see Whetsone, Stanley L., Jr.)—251
Stratton, R. (see Chasmar, R. P.)—1686(L)
Studier, M. H. (see Fields, P. R.)—180
Sugarman, R. and S. DeBenedetti. Time structure of cosmic-ray showers—857
Sydoriak, Stephen G. (see Roberts, Thomas R.)—304
Symon, K. R. (see Kerst, D. W.)—590(L)

Takabayasi, T. Variational principle in hydrodynamical formulation of Dirac field—297(L)
Talman, James D. Self-consistent field calculation of nuclear boundary diffuseness—455
Talmi, I. (see Goldstein, S.)—589(L)
—— (see Thieberger, R.)—923(L)
Taniguchi, Satoshi (see Yamamoto, Mikio)—1295
Tannhauser, D. S., L. J. Bruner, and A. W. Lawson. Temperature variation of elastic constants of AgBr—1276
Tauer, K. J. (see Weiss, R. J.)—1490
Taylor, J. C. and B. R. Coles. Thermoelectric power in Pd-Ag and Pd-Rh alloys—27
Taylor, S. (see Orear, J.)—1676
Terwilliger, K. M. (see Kerst, D. W.)—590(L)
Thaler, R. M., M. Goldstein, J. L. McHale, and L. C. Biedenharn. Calculation of electric dipole Coulomb excitation and dipole bremsstrahlung—1567
Thieberger, R. and I. Talmi. Lowest states of particle excitation in even-even nuclei—923(L)
Thieme, M. T. and E. Bleuler. Decay scheme of Au^{194}—195
Thirion, J. (see Mackin, R. J., Jr.)—802
Thompson, James C. Paramagnetic effect in superconducting Sn, In, and Tl—1004
Thompson, S. G. (see Fields, P. R.)—180
Thomson, Robb (see Bassani, Franco)—1264
Thornton, W. A. Electroluminescence in ZnS—38
Ticho, Harold K. (see Barkas, Walter H.)—583(L)
Timma, D. L. (see Kirby, H. W.)—1140
Tobocman, W. Calculation of reduced widths from stripping cross sections—588(L)
Toller, A. L. (see Newson, H. W.)—1580
Tomboulian, D. H. and P. L. Hartman. Spectral and angular distribution of uv radiation from 300-Mev Cornell synchrotron—1423
Tomkins, Frank S. (see Manning, Thurston E.)—1108
Townes, C. H. (see Shimoda, K.)—1308
Trees, Richard E. Application of Rayleigh-Schrödinger perturbation theory to H atom—1553
Tripp, Robert D. Polarization of deuteron in reaction $p + p \rightarrow \pi^+ + d$—862
—— (see Chamberlain, Owen)—1659
Tubis, Arnold. Tables of atomic wave functions and energies for light elements—1049
Turkevich, John (see Pastor, Ricardo C.)—918(L)
Tyler, W. W. and H. H. Woodbury. Scattering of carriers from doubly-charged impurity sites in Ge—647
—— (see Newman, R.)—613

Urbach, F. (see Moser, F.)—1519

Vineyard, George H. Theory of order-disorder kinetics—981
Violet, Charles E. (see Iloff, Edwin L.)—927(L)
Visscher, William M. (see Ferrell, Richard A.)—450

Waddell, R. C. and E. N. Jensen. Decay scheme of Br^{82}—816

Wagner, F., Jr. (see Magnusson, L. B.)—1097
Waite, T. R. (see Aven, M. H.)—1263
Walchli, H. E. and T. J. Rowland. Nuclear magnetic resonance measurements of isotopes Ba^{135} and Ba^{137}—1334
Waldman, Bernard (see Connors, Donald R.)—1584
Wall, N. S. (see Bromley, D. A.)—1560
Wallace, Roger (see Brabant, John M.)—1622
Wallace, W. E. (see Aven, M. H.)—1263
Walmsley, R. H. (see Donnelly, R. J.)—3
Wang, T. C. (see Shimoda, K.)—1308
Ward, I. M. (see Owen, J.)—591(L)
Warner, A. W. (see Bömmel, H. E.)—64
Watson, Kenneth M. Use of Boltzmann equation for study of ionized gases of low density. I—12
—— (see Brueckner, K. A.)—19
—— (see Riesenfeld, W. B.)—1157
Wattenberg, A. (see Odian, A. C.)—837
Waymouth, John F. and Francis Bitter. Field-induced color shift in electroluminescent ZnS—686
Webb, W. H., H. L. Reynolds, and A. Zucker. Nitrogen-induced nuclear reactions in Al—749
Weber, Gustav (see Marion, Jerry B.)—1355
Wegner, H. E. (see Igo, G.)—1364
Wehner, Gottfried K. Controlled sputtering of metals by low-energy Hg ions—690
Weil, John A. (see Pastor, Ricardo C.)—918(L)
Weinberg, Steven. N-V potential in Lee model—285
Weinstein, A. (see Odian, A. C.)—837
Weiss, R. J. and K. J. Tauer. Components of thermodynamic functions of Fe—1490
Weller, C. E. and J. C. Grosskreutz. γ rays from proton bombardment of separated Cu isotopes—1149
Wenzel, William A. (see Brabant, John M.)—1622
Wertheim, G. K. and R. V. Pound. Time-dependent directional correlation of 1.1-hr Pb^{204}—185
—— (see Pound, R. V.)—396
Wertz, John E., P. L. Jain, and R. L. Batdorf. Multiple thermal relaxation times and nuclear spin energy transfer in liquids—920(L)
Wexler, A. (see Corak, W. S.)—656
Whetstone, Stanley L., Jr., and Donald H. Stork. Scattering of 22-Mev positive pions on protons—251
Widgoff, M. (see Fournet, D. M.)—929(L)
—— (see Iloff, Edwin L.)—927(L)
Wiedenbeck, M. L. (see Kelly, W. H.)—1130
Wiegand, Clyde (see Chamberlain, O.)—92(L); 1637; 1659
Wilets, Lawrence and Maurice Jean. Surface oscillations in even-even nuclei—788
Williamson, R. M. (see Newson, H. W.)—1580
Wing, J. (see Huizenga, J. R.)—926(L)
Wolfgang, Richard (see Johnson, Noah R.)—831
Wolke, Robert L. and Norman A. Bonner. Yields and excitation curves for high-energy photospallation of Co—530
Wong, Eugene (see Hutchison, Clyde A., Jr.)—292(L)
Woodbury, H. H. (see Newman, R.)—613
—— (see Tyler, W. W.)—647
Woodward, W. M. (see Panofsky, W. K. H.)—1392
Wyluda, B. J. (see Shulman, R. G.)—1455

Yamamoto, Mikio, Satoshi Taniguchi, and Keizô Aoyagi. Domain structure as affected by uniaxial ferromagnetic anisotropy induced in cubic solid solution—1295
Yang, C. N. (see Lee, T. D.)—290
Yekutieli, G. (see Hoang, T. F.)—1185(L)
Yodh, G. B. (see Panofsky, W. K. H.)—1392
Ypsilantis, Thomas (see Chamberlain, Owen)—1637; 1659
Yu, S. P. (see Morrish, A. H.)—670
Yuster, P. H. (see Primak, W.)—1688(E)

Zachariasen, Fredrik. Proton charge density—295(L)
Zeiger, H. J. (see Lax, Benjamin)—715
Zuchelli, A. Joseph (see Berko, Stephan)—724
Zucker, A. (see Reynolds, H. L.)—237; 1378
—— (see Webb, W. H.)—749

Analytic Subject Index to Volume 102

References with (L) are to Letters to the Editor; references with (E) are to Errata. Items are listed under the following categories:

Acoustics
Astrophysics
Atomic and Molecular Beams
Atomic Mass and Abundance
Atomic Structure and Spectra
Biophysics
Chemical Effects and Properties
Constants, Standards, Units
Cosmic Radiation
Crystalline State
Dielectrics and Dielectric Properties
Diffraction
Diffusion
Elasticity and Plasticity
Electrical Conductivity and Resistance
Electrical Discharges
Electrical Properties
Electromagnetic Theory and Electrodynamics
Electrons and Positrons
Elementary Particle Interactions
Errata
Field Theory
Films, Properties
Fluid Dynamics
Gamma Rays
Gases
Geophysics
Helium, Liquid
Imperfections in Solids
Ionization
Ions
Ions and Electrons, Mobility
Liquids
Luminescence
Magnetic Properties
Magnetic Resonance
Mathematical Methods
Mechanics
Mesons and Hyperons
Methods and Instruments
Microwaves
Miscellaneous
Molecular Aggregates
Molecular Structure and Spectra
Neutrino
Noise
Nuclear Fission
Nuclear Moments and Spin
Nuclear Photoeffects
Nuclear Reactions, General
Nuclear Reactions Induced by α Particles and He^4
Nuclear Reactions Induced by Deuterons and Tritons
Nuclear Reactions Induced by Mesons and Hyperons
Nuclear Reactions Induced by Neutrons
Nuclear Reactions Induced by Protons
Nuclear Spectra
Nuclear Structure Theory
Optical Properties
Quantum Electrodynamics
Quantum Mechanics
Radiation
Radioactivity
Range and Energy Loss of Particles
Relativity and Gravitation
Scattering, General
Scattering of α Particles
Scattering of Deuterons and Tritons
Scattering of Electrons and Positrons
Scattering of Mesons and Hyperons
Scattering of Neutrons
Scattering of Protons
Semiconductors
Spectra, General
Statistical Mechanics and Thermodynamics
Superconductivity
Thermal Properties
X-Rays

Absorption of Radiation (see **Radiation**)

Acoustics
- Ultrasonic saturation of nuclear magnetic energy levels, W. G. Proctor and W. A. Robinson—1183(L)

Adsorption (see **Gases**)

Aerodynamics (see **Fluid Dynamics**)

Afterglow (see **Electrical Discharges**)

Alloys (see **Crystalline State**)

Annihilation (see **Electrons and Positrons**)

Antiferroelectric Phenomena (see **Dielectrics and Dielectric Properties**)

Antiferromagnetism (see **Magnetic Properties**)

Antiprotons (see **Elementary Particle Interactions**)

Arcs (see **Electrical Discharges**)

Astrophysics
- Fluid self-excited dynamo, Leverett Davis, Jr.—939
- Ionospheric effects produced by solar flare radiation, Vaughn Agy—917(L)
- Structure of magnetohydrodynamic shock wave in plasma of infinite conductivity, Hari K. Sen—5

Atmosphere (see **Geophysics**)

Atomic and Molecular Beams
- Further aspects of theory of maser, K. Shimoda, T. C. Wang, and C. H. Townes—1308
- Hfs by coincidence techniques, Lee C. Bradley, III—293(L)
- Proposed coincidence scheme for elimination of Doppler effect, Paul L. Sagalyn—293(L)

Atomic Mass and Abundance
- Atomic masses from C^{12} to Ne^{22}, M. E. Kettner—1065
- Atomic masses of H^1, D^2, C^{13}, and S^{32}, K. S. Quisenberry, T. T. Scolman, and A. O. Nier—1071
- Atomic masses of stable isotopes, $10 \leqslant A \leqslant 30$, T. T. Scolman, K. S. Quisenberry, and A. O. Nier—1076
- Mass of B^{10} from nuclear reaction $Li^7(Li^7,p)B^{10}$, S. K. Allison, P. G. Murphy, and E. Norbeck, Jr.—1182(L)

Atomic Structure and Spectra
- Am^{241} and Am^{243} nuclear moments, Thurston E. Manning, Mark Fred, and Frank S. Tomkins—1108
- Application of Rayleigh-Schrödinger perturbation theory to H atom, Richard E. Trees—1553
- Coupling of electrons with high orbital angular momentum, illustrated by $2p\ nf$ and $2p\ ng$ in N II, Karl B. S. Eriksson—102
- $d^m p$ configurations of Ti II and Ni II, Noam Sack—1302
- Hfs by coincidence techniques, Lee C. Bradley, III—293(L)
- Polarizability of Mg^{+2} derived from hydrogen-like terms of Mg II, Kjell Bockasten—729
- Proposed coincidence scheme for elimination of Doppler effect, Paul L. Sagalyn—293(L)
- Tables of atomic wave functions and energies for light elements, Arnold Tubis—1049
- Unrestricted Hartree-Fock method, George W. Pratt, Jr.—1303
- Variational approach to quadrupole polarizability of ions, T. P. Das and R. Bersohn—733

Auger Effect (see **Atomic Structure and Spectra; X-Rays**)

Aurora (see **Astrophysics; Geophysics**)

Barkhausen Effect (see **Magnetic Properties**)

Biophysics

Boson Theory (see **Field Theory**)

Bremsstrahlung (see **Radiation**)

Broadening of Spectral Lines (see **Atomic Structure and Spectra; Molecular Structure and Spectra; Spectra, General**)

Capture Cross Sections (see **Electrons and Positrons; Nuclear Reactions; Radiation**)
Čerenkov Effect (see **Radiation**)
Chemical Effects and Properties
Chemical Reactions (see **Chemical Effects and Properties**)
Chemiluminescence (see **Luminescence**)
Cold Emission (see **Electrical Properties**)
Colloids (see **Chemical Effects and Properties; Molecular Aggregates**)
Compton Effect (see **Radiation**)
Conductivity, Electrical (see **Electrical Conductivity and Resistance**)
Conductivity, Thermal (see **Thermal Properties**)
Constants, Standards, Units
Cosmic Radiation (see also **Mesons and Hyperons**)
Cloud-chamber study of second maximum, Bartow Hodge and Lloyd W. Morris—1164
Cosmic-ray observations at very high altitudes during periods of intense solar activity, Martin A. Pomerantz —870
Effects of ring current on cosmic radiation, Ernest C. Ray —1689(E)
Energy distribution of neutral mesons produced in cosmic-ray stars, Young B. Kim—882
Generation of soft component of cosmic radiation in Pb, P. H. Stoker—516
Geomagnetic coordinates derived from cosmic-ray observations, J. A. Simpson, K. B. Fenton, J. Katzman, and D. C. Rose—1648
High-altitude cosmic-ray neutron intensity variations, Robert K. Soberman—1399
Influence of geomagnetic quadrupole fields upon cosmic-ray intensity, F. S. Jory—1167
Speed measurement of cosmic-ray particles using millimicrosecond timing circuit, C. N. Chou—848
Time structure of cosmic-ray showers, R. Sugarman and S. DeBenedetti—857
Cosmology (see **Astrophysics; Relativity and Gravitation**)
Critical Potentials (see **Atomic Structure and Spectra; Molecular Structure and Spectra**)
Cross Section (see **Electrons and Positrons; Nuclear Reactions; Radiation; Scattering**)
Crystal Counters (see **Methods and Instruments**)
Crystalline State (see also **Electrical Properties; Imperfections in Solids; Magnetic Properties; Semiconductors; etc.**)
Acceleration of electrons by external force field, E. N. Adams and P. N. Argyres—605
Analysis of cyclotron absorption in Bi, Benjamin Lax, K. J. Button, H. J. Zeiger, and Laura M. Roth—715
Association energy of vacancies and impurities with edge dislocations in NaCl, Franco Bassani and Robb Thomson—1264
Controlled sputtering of metals by low-energy Hg-ions, Gottfried K. Wehner—690
Effect of defects on lattice vibrations: Interaction of defects and analogy with meson pair theory, Elliott W. Montroll and Renfrey B. Potts—72
Expansion of KCl and NaCl crystals due to x-ray irradiation of weak intensities, Lan-Ying Lin—968
Grüneisen parameter for solid under finite strain, J. J. Gilvarry—331
Ionization interaction between impurities in semiconductors and insulators, R. L. Longini and R. F. Greene—992
Multiple elastic scattering in electron diffraction by crystals, Jean A. Hoerni—1534
Neutron diffraction observation of heat treatment in cobalt ferrite, E. Prince—674
Photoelastic observations of expansion of alkali halides on irradiation, W. Primak, C. J. Delbecq, and P. H. Yuster—1688(E)
Polarized absorption and fluorescence spectra of crystalline anthracene at 4°K: spectral evidence for trapped excitons, Jerome W. Sidman—96
Relativistic corrections to cohesive energies of alkali metals, Joseph Callaway—919(L)
Theory of order-disorder kinetics, George H. Vineyard—981
Thermodynamics and Overhauser nuclear polarization effect, W. A. Barker and A. Mencher—1023
Thermoelectric power, electrical resistance, and crystalline structure of carbons, E. E. Loebner—46
X-ray absorption edges of transition metal salts, H. P. Hanson and J. R. Knight—632

Diamagnetism (see **Magnetic Properties**)
Dielectrics and Dielectric Properties
Dislocations, relaxations, and anelasticity of crystal quartz, H. E. Bömmel, W. P. Mason, and A. W. Warner—64
Ferroelectricity in alums, Ray Pepinsky, Franco Jona, and Gen Shirane—1181(L)
Guanidine vanadium sulfate hexahydrate, a new ferroelectric material, J. P. Remeika and W. J. Merz—295(L)
Spontaneous polarization of guanidine aluminum sulfate hexahydrate at low temperatures, A. G. Chynoweth—1021
Surface space charge layers in $BaTiO_3$, A. G. Chynoweth —705
Diffraction (see also **Scattering**)
Antiferromagnetic transition in Zn ferrite, J. M. Hastings and L. M. Corliss—1460
Multiple elastic scattering in electron diffraction by crystals, Jean A. Hoerni—1534
Multiple elastic scattering in electron diffraction by molecules, Jean A. Hoerni—1530
Neutron diffraction observation of heat treatment in cobalt ferrite, E. Prince—674
Diffusion
Influence of elastic strain on self-diffusion of Cu at low temperatures, M. J. Druyvesteyn and C. W. Berghout —1686(L)
Interstitialcy diffusion mechanism in AgCl, John E. Hove —915(L)
Self-diffusion in Ge, Harry Letaw, Jr., William M. Portnoy, and Lawrence Slifkin—636
Discharge of Electricity in Gases (see **Electrical Discharges**)
Disintegration and Excitation of Nucleus (see **Nuclear Reactions**)
Dynamics (see **Mechanics**)

Elasticity and Plasticity
Alignment of hydrogen molecules by high pressure, F. London—168
Dislocations, relaxations, and anelasticity of crystal quartz, H. E. Bömmel, W. P. Mason, and A. W. Warner—64
Elastic constants of InSb, L. H. DeVaux and F. A. Pizzarello—85
Influence of elastic strain on self-diffusion of Cu at low temperatures, M. J. Druyvesteyn and C. W. Berghout—1686(L)
Intersection faulting mechanism theory of flow and fracture of face-centered cubic metals, Robert B. Green—376
Moving dislocations and solute atoms, Gunther Schoeck—1458

Elasticity and Plasticity (Continued)
Photoelastic observations of expansion of alkali halides on irradiation, W. Primak, C. J. Delbecq, and P. H. Yuster —1688(E)
Temperature variation of elastic constants of AgBr, D. S. Tannhauser, L. J. Bruner, and A. W. Lawson—1276
Electrical Breakdown (see **Dielectrics and Dielectric Properties; Electrical Discharges**)
Electrical Conductivity and Resistance (see also **Electrical Properties; Semiconductors; Superconductors**)
Annealing of irradiation effects in NaCl irradiated with high-energy protons, Koichi Kobayashi—348
Hall coefficient and thermoelectric power of Th metal, Joseph H. Bodine, Jr.—1459
Hall effect in gray Sn filaments, E. E. Kohnke and A. W. Ewald—1481
Photosensitization of PbS films, R. H. Harada and H. T. Minden—1258
Resistivity increase in water-quenched Au, J. E. Bauerle, C. E. Klabunde, and J. S. Koehler—1182(L)
Resistivity of interstitial atoms and vacancies in Cu, A. A. Overhauser and R. L. Gorman—676
Spectral distribution of photoconductivity, H. B. DeVore —86
Temperature dependence of Hall coefficients in some CuNi alloys, F. E. Allison and Emerson M. Pugh—1281
Thermoelectric power, electrical resistance, and crystalline structure of carbons, E. E. Loebner—46
Electrical Discharges
Electrical Properties (see also **Dielectrics and Dielectric Properties; Electrical Conductivity and Resistance; Semiconductors; Superconductors**)
Auger electron emission in energy spectra of secondary electrons from molybdenum and tungsten, G. A. Harrower—340
Controlled sputtering of metals by low-energy Hg ions, Gottfried K. Wehner—690
Dependence of electron reflection on contamination of reflecting surface, G. A. Harrower—1288
Dependence of secondary electron emission upon angle of incidence of 1.3-Mev primaries, R. A. Shatas, J. F. Marshall, and M. A. Pomerantz—682
Field desorption, Erwin W. Müller—618
Field ionization of gases at metal surface and resolution of field ion microscope, Erwin W. Müller and Kanwar Bahadur—624
Hall coefficient and thermoelectric power of Th metal, Joseph H. Bodine, Jr.—1459
Investigation of electron emission from superconductors, Fernand Bedard, Hans Meissner, and George E. Owen —667
Surface space charge layers in $BaTiO_3$, A. G. Chynoweth —705
Theory of sputtering process, Don E. Harrison, Jr.—1473
Thermionic emission, field emission, and transition region, E. L. Murphy and R. H. Good, Jr.—1464
Thermoelectric power, electrical resistance, and crystalline structure of carbons, E. E. Loebner—46
Thermoelectric power in Pd-Ag and Pd-Rh alloys, J. C. Taylor and B. R. Coles—27
Work function of Pb, Paul A. Anderson and Angus W. Hunt—367
Electrodynamics (see **Electromagnetic Theory and Electrodynamics**)
Electroluminescence (see **Luminescence**)
Electrolysis (see **Chemical Effects and Properties**)
Electromagnetic Theory and Electrodynamics
Acceleration of electrons by external force field, E. N. Adams and P. N. Argyres—605
Fluid self-excited dynamo, Leverett Davis, Jr.—939
Incidence of electromagnetic wave on "Čerenkov electron gas," Murray A. Lampert—299
Electron Diffraction (see **Diffraction; Scattering of Electrons and Positrons**)
Electron Optics (see **Electromagnetic Theory and Electrodynamics**)
Electronic Tubes (see **Methods and Instruments**)
Electrons and Positrons (see also **Electromagnetic Theory and Electrodynamics; Elementary Particle Interactions; Scattering of Electrons and Positrons**)
Free-radical quenching of positron lifetimes, Stephan Berko and A. Joseph Zuchelli—724
Internal pair creation in β decay, Kerson Huang—422
Lifetime of positrons in superconducting Pb, B. Green and L. Madansky—1014
Narrow components in angular correlation of annihilation quanta from condensed materials, Lorne A. Page and Milton Heinberg—1545
Pair production in field of orbital electrons by total absorption method at 319 Mev, John D. Anderson, Robert W. Kenney, Charles A. McDonald, Jr., and Richard F. Post—1632
Spin and polarization effects in annihilation of triplet positronium, R. M. Drisko—1542
Electrons, Mobility (see **Ions and Electrons, Mobility**)
Electrons, Scattering of (see **Scattering of Electrons and Positrons**)
Electrons, Secondary (see **Electrical Properties**)
Electrons, Thermionic (see **Electrical Properties**)
Electro-Optical Effects (see **Optical Properties**)
Electrostriction (see **Dielectrics and Dielectric Properties**)
Elementary Particle Interactions
Analytic approach for pion-proton scattering phase shifts, W. Rarita—486
Antiproton interaction cross sections, Owen Chamberlain, Donald V. Keller, Emilio Segrè, Herbert M. Steiner, Clyde Wiegand, and Thomas Ypsilantis—1637
Coherent neutron scattering amplitudes of Kr and Xe, and electron-neutron interaction, M. F. Crouch, V. E. Krohn, and G. R. Ringo—1321
Crossing symmetry in meson-nucleon scattering, G. Feldman and P. T. Matthews—1421(L)
Dispersion relations for pion-nucleon scattering: no-spin-flip amplitude, Reinhard Oehme—1174
Example of antiproton-nucleon annihilation, O. Chamberlain, W. W. Chupp, A. G. Ekspong, G. Goldhaber, S. Goldhaber, E. J. Lofgren, E. Segrè, C. Wiegand, E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti, and A. Manfredini—921(L)
Further analysis of M. I. T. antiproton event, H. S. Bridge, D. O. Caldwell, Y. Pal, and B. Rossi—930(L)
Interactions of antiprotons in lead glass, John M. Brabant, Bruce Cork, Nahmin Horwitz, Burton J. Moyer, Joseph J. Murray, Roger Wallace, and William A. Wenzel—1622
Interpretation of phase shifts in pion-nucleon scattering, R. G. Sachs—867
Nucleon-nucleon potential with relativistic cutoff, H. P. Noyes and S. P. Pandya—269
Nucleon-nucleon scattering, Herman Feshbach and Earle Lomon—891
Nucleon scattering and Feshbach-Lomon model, Robert B. Raphael—905
Phase-shift analysis of p-p scattering at 150 Mev, Shoroku Ohnuma and David Feldman—1641
Pion production by inelastic scattering of electrons in hydrogen, W. K. H. Panofsky, W. M. Woodward, and G. B. Yodh—1392

Polarization of deuteron in reaction $p+p\rightarrow\pi+d$, Robert D. Tripp—862
Proton charge density, Fredrik Zachariasen—295(L)
Elements (see **Atomic Mass and Abundance**)
Energy Loss of Particles (see **Range and Energy Loss**)
Energy States of Atoms (see **Atomic Structure and Spectra**)
Energy States of Molecules (see **Molecular Structure and Spectra**)
Energy States of Nucleus (see **Nuclear Reactions; Nuclear Spectra; Nuclear Structure Theory**)
Equations of State (see **Chemical Effects and Properties**)
Errata
Effects of ring current on cosmic radiation, Ernest C. Ray —1689(E)
Interpretation of $Be^8(p,d)$ reaction at energies of 5 to 30 Mev, S. Glashow and W. Selove—1689(E)
Photoelastic observations of expansion of alkali halides on irradiation, W. Primak, C. J. Delbecq, and P. H. Yuster —1688(E)
Recoil broadening of conversion lines associated with α decay, J. Burde and S. G. Cohen—1689(E)
Errors of Measurement (see **Methods and Instruments**)
Evaporation (see **Liquids**)
Excitation of Atoms (see **Atomic Structure and Spectra**)
Excitation of Molecules (see **Molecular Structure and Spectra**)
Excitation of Nucleus (see **Nuclear Reactions; Nuclear Spectra; Nuclear Structure Theory**)
Explosion Phenomena (see **Fluid Dynamics**)

Faraday Effect (see **Optical Properties**)
Ferroelectric Phenomena (see **Dielectrics and Dielectric Properties**)
Ferromagnetism (see **Magnetic Properties**)
Field Emission (see **Electrical Properties**)
Field Theory (see also **Quantum Electrodynamics**)
Compton scattering and bremsstrahlung of spin-3/2 particles, Jon Mathews—270
Crossing symmetry in meson-nucleon scattering, G. Feldman and P. T. Matthews—1421(L)
Dispersion relations for pion-nucleon scattering: no-spin-flip amplitude, Reinhard Oehme—1174
Exact sum rules in fixed-source meson theory, M. Cini and S. Fubini—1687(L)
Mass degeneracy of heavy mesons, T. D. Lee and C. N. Yang—290
Nucleon-nucleon potential with relativistic cutoff, H. P. Noyes and S. P. Pandya—269
N-V potential in Lee model, Steven Weinberg—285
Properties of half-integral spin Dirac-Fierz-Pauli particles, P. A. Moldauer and K. M. Case—279
Proton charge density, Fredrik Zachariasen—295(L)
Quantized field theory in Hamilton-Jacobi formalism, Hans Freistadt—274
Radiative $\pi-e$ decay, Tetsuo Eguchi—879
Representation of charge conjugation for Dirac fields, B. P. Nigam and L. L. Foldy—1410
Symmetries in isotopic spin space and charge operator, B. d'Espagnat and J. Prentki—1684
Synthesis of covariant particle equations, Leslie L. Foldy —568
Variational principle in hydrodynamical formulation of Dirac field, T. Takabayasi—297(L)
Films, Properties
Photosensitization of PbS films, R. H. Harada and H. T. Minden—1285
Spectral distribution of photoconductivity, H. B. DeVore —86
Fine Structure (see **Atomic Structure and Spectra**)
Fission of Nucleus (see **Nuclear Fission**)
Fluctuation Phenomena (see **Noise**)
Fluid Dynamics
Fluid self-excited dynamo, Leverett Davis, Jr.—939
Structure of magnetohydrodynamic shock wave in plasma of infinite conductivity, Hari K. Sen—5
Structure of shock waves in polyatomic gases, Wayland Griffith, David Brickl, and Vernon Blackman—1209
Theory of turbulence, S. Chandrasekhar—941
Use of Boltzmann equation for study of ionized gases of low density. I, Kenneth M. Watson—12; II, K. A. Brueckner and K. M. Watson—19
Fluorescence (see **Luminescence**)
Friction (see **Mechanics**)

Galvanomagnetic Effect (see **Magnetic Properties**)
Gamma Rays (see also **Nuclear Reactions; Nuclear Spectra; Range and Energy Loss**)
Pair production in field of orbital electrons by total absorption method at 319 Mev, John D. Anderson, Robert W. Kenney, Charles A. McDonald, Jr., and Richard F. Post—1632
Gases
Model for collision processes in gases: small-amplitude oscillations of charged two-component systems, E. P. Gross and M. Krook—593
Structure of shock waves in polyatomic gases, Wayland Griffith, David Brickl, and Vernon Blackman—1209
Use of Boltzmann equation for study of ionized gases of low density. I, Kenneth M. Watson—12; II, K. A. Brueckner and K. M. Watson—19
Geophysics
Geomagnetic coordinates derived from cosmic-ray observations, J. A. Simpson, K. B. Fenton, J. Katzman, and D. C. Rose—1648
Ionospheric effects produced by solar flare radiation, Vaughn Agy—917(L)
Glasses (see **Molecular Aggregates**)
Gravitation (see **Relativity and Gravitation**)
Gyromagnetization (see **Magnetic Properties**)

Hall Effect (see **Electrical Conductivity and Resistance; Semiconductors**)
Heat Capacity (see **Thermal Properties**)
Heat Conduction (see **Thermal Properties**)
Heat of Dissociation and Formation (see **Molecular Structure and Spectra**)
Heat of Fusion (see **Thermal Properties**)
Heat of Vaporization (see **Thermal Properties**)
Helium, Liquid
Elementary theory of excitations in liquid He: New model for rotons, O. K. Rice—1416(L)
Energy spectrum of excitations in liquid He, R. P. Feynman and Michael Cohen—1189
Flow of liquid He through porous Vycor glass, K. R. Atkins, H. Seki, and E. U. Condon—582(L)
Kinematic viscosity of He II, R. J. Donnelly, G. V. Chester, R. H. Walmsley, and C. T. Lane—3
New method for measuring absolute viscosity of liquid He II, Henry H. Kolm and Melvin A. Herlin—607
Nuclear spin system of liquid He^3, Louis Goldstein—1205
Thermomolecular pressure ratios for He^3 and He^4, Thomas R. Roberts and Stephen G. Sydoriak—304
High-Voltage Tubes and Machines (see **Methods and Instruments**)
Hydrodynamics (see **Fluid Dynamics**)
Hyperfine Structure (see **Atomic Structure and Spectra; Molecular Structure and Spectra; Nuclear Moments and Spin**)
Hyperons (see **Mesons and Hyperons**)

Imperfections in Solids (see also **Crystalline State; Electrical Conductivity and Resistance; Luminescence; Semiconductors**)
Annealing of Ge supersaturated with Ni, P. Penning—1414(L)
Annealing of irradiation effects in NaCl irradiated with high-energy protons, Koichi Kobayashi—348
Association energy of vacancies and impurities with edge dislocations in NaCl, Franco Bassani and Robb Thomson—1264
Dislocations, relaxations, and anelasticity of crystal quartz, H. E. Bömmel, W. P. Mason, and A. W. Warner—64
Effect of defects on lattice vibrations: Interaction of defects and analogy with meson pair theory, Elliott W. Montroll and Renfrey B. Potts—72
Effects of γ radiation on Ge, J. W. Cleland, J. H. Crawford, Jr., and D. K. Holmes—722
Expansion of KCl and NaCl crystals due to x-ray irradiation of weak intensities, Lan-Ying Lin—968
Hole trapping in Ge bombarded by high-energy electrons, R. G. Shulman—1451
Influence of elastic strain on self-diffusion of Cu at low temperatures, M. J. Druyvesteyn and C. W. Berghout—1686(L)
Intersection faulting mechanism theory of flow and fracture of face-centered-cubic metals, Robert B. Green—376
Interstitialcy diffusion mechanism in AgCl, John E. Hove—915(L)
Ionization interaction between impurities in semiconductors and insulators, R. L. Longini and R. F. Greene—992
Moving dislocations and solute atoms, Gunther Schoeck—1458
Neutron diffraction observation of heat treatment in cobalt ferrite, E. Prince—674
Photoelastic observations of expansion of alkali halides on irradiation, W. Primak, C. J. Delbecq, and P. H. Yuster—1688(E)
Resistivity increase in water-quenched Au, J. E. Bauerle, C. E. Klabunde, and J. S. Koehler—1182(L)
Resistivity of interstitial atoms and vacancies in Cu, A. A. Overhauser and R. L. Gorman—676
Susceptibility and entropy of *F*-centers in alkali halides below 1°K, J. Korringa and J. G. Daunt—92
Temperature-dependent factor in carrier lifetime, R. L. Longini—584(L)
Temperature variation of elastic constants of AgBr, D. S. Tannhauser, L. J. Bruner, and A. W. Lawson—1276
Theory of order-disorder kinetics, George H. Vineyard—981
Inelastic Scattering (see **Nuclear Reactions; Scattering**)
Instruments (see **Methods and Instruments**)
Internal Conversion (see **Nuclear Spectra**)
Ionization (see also **Electrical Discharges; Range and Energy Loss of Particles**)
Ionization *vs* energy relation for fission fragments, H. W. Schmitt and R. B. Leachman—183
Multiple ionization in Xe following internal conversion, Arthur H. Snell and Frances Pleasonton—1419(L)
Recoil particles from Po^{210} and their ionization in A and He, William P. Jesse and John Sadauskis—389
Theory of ionization probability near threshold, Sydney Geltman—171
Ionization Potentials of Atoms (see **Atomic Structure and Spectra**)
Ionization Potentials of Molecules (see **Molecular Structure and Spectra**)
Ionosphere (see **Geophysics**)
Ions (see also **Electrical Discharges**)
Charge analysis and differential cross-section measurements for large-angle argon ion—argon atom collisions with energies between 25 and 138 kev, R. J. Carbone, E. N. Fuls, and E. Everhart—1524
Controlled sputtering of metals by low-energy Hg ions, Gottfried K. Wehner—690
Experimental cross sections for charge-changing collisions of He^+ and He^{++} ions traversing gases, S. K. Allison, J. Cuevas, and P. G. Murphy—1041
Model for collision processes in gases: small-amplitude oscillations of charged two-component systems, E. P. Gross and M. Krook—593
Nuclear quadrupole coupling in polar molecules, R. M. Sternheimer and H. M. Foley—731
Theory of sputtering process, Don E. Harrison, Jr.—1473
Variational approach to quadrupole polarizability of ions, T. P. Das and R. Bersohn—733
Ions and Electrons, Mobility (see also **Semiconductors**)
Isobars (see **Atomic Mass and Abundance**)
Isomers, Molecular (see **Molecular Structure and Spectra**)
Isomers, Nuclear (see **Nuclear Spectra**)
Isotopes (see **Atomic Mass and Abundance; Radioactivity**)

Kerr Effect (see **Optical Properties**)
Kinetic Theory of Gases (see **Gases**)

Liquid Helium (see **Helium, Liquid**)
Liquids
New method for measuring absolute viscosity of liquid He II, Henry H. Kolm and Melvin A. Herlin—607
Luminescence
Electroluminescence from BN, Simon Larach and Ross E. Shrader—582(L)
Electroluminescence in ZnS, W. A. Thornton—38
Field-induced color shift in electroluminescent ZnS, John F. Waymouth and Francis Bitter—686
Polarized absorption and fluorescence spectra of crystalline anthracene at 4°K: spectral evidence for trapped excitons, Jerome W. Sidman—96

Magnetic Fields (see **Electromagnetic Theory and Electrodynamics**)
Magnetic Properties and Materials
Antiferromagnetic transition in Zn ferrite, J. M. Hastings and L. M. Corliss—1460
Antiferromagnetism in Cr_2O_3 crystal, T. R. McGuire, E. J. Scott, and F. H. Grannis—1000
Components of thermodynamic functions of Fe, R. J. Weiss and K. J. Tauer—1490
Domain structure as affected by uniaxial ferromagnetic anisotropy induced in cubic solid solution, Mikio Yamamoto, Satoshi Taniguchi, and Keizô Aoyagi—1295
Electron and nuclear spin resonance and magnetic susceptibility, J. Owen, M. Browne, W. D. Knight, and C. Kittel—1501
Galvanomagnetic effects in semiconductor with two sets of spheroidal energy surfaces, Maurice Glicksman—1496
General theory of spin-wave interactions, Freeman J. Dyson—1217
Interpretation of domain patterns recently found in BiMn and SiFe alloys, John B. Goodenough—356
Magnetic measurements on individual microscopic ferrite particles near single-domain size, A. H. Morrish and S. P. Yu—670
Magnetic properties of β-UH_3, S. T. Lin and A. R. Kaufmann—640
Magnetic properties of colloidal nickelous oxide, James T. Richardson and W. O. Milligan—1289
Magnetic susceptibility of carbons and polycrystalline graphites, H. T. Pinnick and P. Kiive—58

Magnetic susceptibility of Cu metal at low temperatures, Raymond Bowers—1486
Magnetization of magnetite single crystal near Curie point, D. O. Smith—959
Neutron diffraction observation of heat treatment in cobalt ferrite, E. Prince—674
New low-temperature ferromagnets, A. N. Holden, B. T. Matthias, P. W. Anderson, and H. W. Lewis—1463
New magnetic anisotropy, W. H. Meiklejohn and C. P. Bean—1413(L)
New materials for magnetic cooling and thermometry below 1°K, E. Ambler and R. P. Hudson—916(L)
Ordering and antiferromagnetism in ferrites, P. W. Anderson—1008
Paramagnetic effect in superconducting Sn, In, and Tl, James C. Thompson—1004
Resonance widths in polycrystalline Ni-Co ferrites, M. H. Sirvetz and J. H. Saunders—366
Specific heat of magnetite crystal at liquid He temperatures, J. S. Kouvel—1489
Superexchange interactions and magnetic lattices of rhombohedral sesquioxides of transition elements and their solid solutions, Yin-Yuan Li—1015
Susceptibility and entropy of *F*-centers in alkali halides below 1°K, J. Korringa and J. G. Daunt—92
Temperature dependence of Hall coefficients in some CuNi alloys, F. E. Allison and Emerson M. Pugh—1281
Thermodynamic behavior of ideal ferromagnet, Freeman J. Dyson—1230

Magnetic Resonance (see also **Nuclear Moments and Spin**)
Alignment of hydrogen molecules by high pressure, F. London—168
Analysis of cyclotron absorption in Bi, Benjamin Lax, K. J. Button, H. J. Zeiger, and Laura M. Roth—715
Dynamical theory of nuclear induction. II, F. Bloch—104
Electron and nuclear spin resonance and magnetic susceptibility, J. Owen, M. Browne, W. D. Knight, and C. Kittel—1501
Electron spin resonance in metals and metal-ammonia solutions, R. A. Levy—31
Experimental verification of Overhauser nuclear polarization effect, Thomas R. Carver and Charles P. Slichter—975
Magnetic hfs in bismuth hydride and deuteride, E. Hulthén and H. Neuhaus—1415(L)
Magnetic resonances of protons in ethyl alcohol, James T. Arnold—136
Multiple thermal relaxation times and nuclear spin energy transfer in liquids, John E. Wertz, P. L. Jain, and R. L. Batdorf—920(L)
Narrow electron spin resonance in charred dextrose, Ricardo C. Pastor, John A. Weil, Thomas H. Brown, and John Turkevich—918(L)
Nuclear magnetic resonance measurements of isotopes Ba^{135} and Ba^{137}, H. E. Walchli and T. J. Rowland—1334
Nuclear magnetic resonance spectra of some hydrocarbons, Weston A. Anderson—151
Nuclear spins of Mo^{95} and Mo^{97}, J. Owen and I. M. Ward—591(L)
Observation of nuclear magnetic resonance in superconducting Hg, F. Reif—1417(L)
Paramagnetic fine structure spectrum of Cr^{+++} in single ruby crystal, J. E. Geusic—1252
Paramagnetic resonance absorption in uranium (III) chloride and nuclear spin of U^{235}, Clyde A. Hutchison, Jr., P. M. Llewellyn, Eugene Wong, and Paul Dorain—292(L)
Paramagnetic resonance hfs of Co^{59}, R. V. Jones, W. Dobrowolski, and C. D. Jeffries—738
Paramagnetic resonance in As-doped Si, A. Honig and J. Combrisson—917(L)
Quantum theory of cyclotron resonance in semiconductors: general theory, J. M. Luttinger—1030
Rapid-passage effects in electron spin resonance, R. Beeler, D. Roux, G. Béné, and R. Extermann—295(L)
Resonance widths in polycrystalline Ni-Co ferrites, M. H. Sirvetz and J. H. Saunders—366
Thermodynamics and Overhauser nuclear polarization effect, W. A. Barker and A. Mencher—1023
Ultrasonic saturation of nuclear magnetic energy levels, W. G. Proctor and W. A. Robinson—1183(L)

Magneto-Optical Effects (see **Optical Properties**)

Magnetoresistance (see **Electrical Conductivity and Resistance; Semiconductors**)

Magnetostriction (see **Magnetic Properties**)

Mass Defects (see **Atomic Mass and Abundance**)

Mass Spectroscopy (see **Atomic Mass and Abundance; Methods and Instruments**)

Mathematical Methods
Tensor operator methods and two-body spin-orbit interaction, J. Hope and L. W. Longdon—1124

Measurements (see **Methods and Instruments**)

Mechanics
Determination of potential from scattering data, Joseph B. Keller, Irvin Kay, and Jerry Shmoys—557

Mechanics, Quantum—Atomic Structure and Spectra (see **Atomic Structure and Spectra**)

Mechanics, Quantum—General (see **Quantum Mechanics**)

Mechanics, Quantum—Molecular Structure and Spectra (see **Molecular Structure and Spectra**)

Mechanics, Quantum—Nuclear (see **Nuclear Structure Theory**)

Mechanics, Quantum—of Solid Bodies (see **Crystalline State**)

Mechanics, Statistical (see **Statistical Mechanics and Thermodynamics**)

Meson Field Theory (see **Field Theory**)

Mesons and Hyperons (see also **Cosmic Radiation; Elementary Particle Interactions; Nuclear Reactions Induced by Mesons; Scattering of Mesons**)
Associated production and lifetimes of Λ^0 and θ^0 particles, H. Blumenfeld, E. T. Booth, L. M. Lederman, and W. Chinowsky—1184(L)
Binding energy of T hyperfragments, D. M. Haskin, Theodore Bowen, R. G. Glasser, and Marcel Schein—244
Bubble counting for determination of velocities of charged particles in bubble chambers, Donald A. Glaser, David C. Rahm, and Cyril Dodd—1653
Decay in flight of negative and positive τ meson, T. A. Aggson, W. B. Fretter, E. W. Friesen, L. F. Hansen, R. G. Kepler, and A. Lagarrigue—243
Decay modes of negative *K* mesons, A. Gösta Ekspong and Gerson Goldhaber—1187(L)
Energy distribution of neutral mesons produced in cosmic-ray stars, Young B. Kim—882
Example of antiproton-nucleon annihilation, O. Chamberlain, W. W. Chupp, A. G. Ekspong, G. Goldhaber, S. Goldhaber, E. J. Lofgren, E. Segrè, C. Wiegand, E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti, and A. Manfredini—921(L)
Further analysis of M.I.T. antiproton event, H. S. Bridge, D. O. Caldwell, Y. Pal, and B. Rossi—930(L)
High-velocity particle ranges in emulsion, Walter H. Barkas, Paul H. Barrett, Pierre Cuer, Harry H. Heckman, Frances M. Smith, and Harold K. Ticho—583(L)
Hyperfragments and slow *K*-mesons in stars produced by 3-Bev protons, M. Blau—495

Mesons and Hyperons (Continued)
Interpretation of K-meson decays, Sidney A. Bludman—1420(L)
Interpretation of K^+ scattering in nuclear emulsions, Louis S. Osborne—296(L)
Mass degeneracy of heavy mesons, T. D. Lee and C. N. Yang—290
Mean lifetime of negative K mesons, Edwin L. Iloff, Gerson Goldhaber, Sulamith Goldhaber, Joseph E. Lannutti, F. Charles Gilbert, Charles E. Violet, and M. Widgoff—927(L)
Mesonic *vs* nonmesonic hyperfragment decay, T. K. Fowler—844
Pion production by inelastic scattering of electrons in hydrogen, W. K. H. Panofsky, W. M. Woodward, and G. B. Yodh—1392
Polarization of deuteron in reaction $p+p\rightarrow\pi^++d$, Robert D. Tripp—862
Radiative $\pi-e$ decay, Tetsuo Eguchi—879
Ratios of decay modes of K^+ mesons produced by Cosmotron, T. F. Hoang, M. F. Kaplon, and G. Yekutieli—1185(L)
Spin and parity analysis of Bevatron τ mesons, J. Orear, G. Harris, and S. Taylor—1676
Spin of Λ^0 particle, Malvin Ruderman and Robert Karplus—247
Metals (see **Crystalline State**)
Metastable Atoms (see **Atomic Structure and Spectra**)
Metastable Molecules (see **Molecular Structure and Spectra**)
Meteorology (see **Geophysics**)
Methods and Instruments
Attainment of very high energy by means of intersecting beams of particles, D. W. Kerst, F. T. Cole, H. R. Crane, L. W. Jones, L. J. Laslett, T. Ohkawa, A. M. Sessler, K. R. Symon, K. M. Terwilliger, and Nils Vogt Nilsen—590(L)
Bubble counting for determination of velocities of charged particles in bubble chambers, Donald A. Glaser, David C. Rahm, and Cyril Dodd—1653
Field ionization of gases at metal surface and resolution of field ion microscope, Erwin W. Müller and Kanwar Bahadur—624
Further aspects of theory of maser, K. Shimoda, T. C. Wang, and C. H. Townes—1308
Hfs by coincidence techniques, Lee C. Bradley, III—293(L)
Liquid Xe bubble chamber, J. L. Brown, D. A. Glaser, and M. L. Perl—586(L)
New materials for magnetic cooling and thermometry below 1°K, E. Ambler and R. P. Hudson—916(L)
New method for measuring absolute viscosity of liquid He II, Henry H. Kolm and Melvin A. Herlin—607
Proposed coincidence scheme for elimination of Doppler effect, Paul L. Sagalyn—293(L)
Storage-ring synchrotron: device for high-energy physics research, Gerard K. O'Neill—1418(L)
Microwaves (see also **Atomic Structure and Spectra; Magnetic Resonance; Molecular Structure and Spectra; Nuclear Moments and Spin**)
Further aspects of theory of maser, K. Shimoda, T. C. Wang, and C. H. Townes—1308
Miscellaneous
Mobility of Ions and Electrons (see **Ions and Electrons, Mobility**)
Molecular Aggregates
Molecular Beams (see **Atomic and Molecular Beams**)
Molecular Structure and Spectra
Alignment of hydrogen molecules by high pressure, F. London—168
Further aspects of theory of maser, K. Shimoda, T. C. Wang, and C. H. Townes—1308
Magnetic hfs in bismuth hydride and deuteride, E. Hulthén and H. Neuhaus—1415(L)
Nuclear quadrupole coupling in polar molecules, R. M. Sternheimer and H. M. Foley—731
Statistical method and molecular binding, Włodzimierz Kołos—1052
Moments, Nuclear (see **Nuclear Moments and Spin**)
Moments of Molecules (see **Molecular Structure and Spectra**)

Neutrino (see also **Nuclear Spectra; Radioactivity**)
Neutron Diffraction (see **Diffraction; Scattering of Neutrons**)
Neutrons (see **Elementary Particle Interactions**)
Noise
Nuclear Fission
Fission of Bi with 15- and 22-Mev deuterons, A. W. Fairhall—1335
Ionization *vs* energy relation for fission fragments, H. W. Schmitt and R. B. Leachman—183
Isotopes of E and Fm produced by neutron irradiation of Pu, M. Jones, R. P. Schuman, J. P. Butler, G. Cowper, T. A. Eastwood, and H. G. Jackson—203
Prompt neutrons from spontaneous fission of Fm^{254}, Gregory R. Choppin, Bernard G. Harvey, Donald A. Hicks, John Ise, Jr., and Robert V. Pyle—766
Spontaneous fission kinetics of Cf^{250}, A. B. Smith, A. M. Friedman, and P. R. Fields—813
Statistical theory of nuclear fission: asymmetric fission, Peter Fong—434
Thermal-neutron fission cross section of Pu^{240}, E. K. Hulet, H. R. Bowman, M. C. Michel, and R. W. Hoff—1621
Transplutonium elements in thermonuclear test debris, P. R. Fields, M. H. Studier, H. Diamond, J. F. Mech, M. G. Inghram, G. L. Pyle, C. M. Stevens, S. Fried, W. M. Manning, A. Ghiorso, S. G. Thompson, G. H. Higgins, and G. T. Seaborg—180
Nuclear Forces (see **Elementary Particle Interactions; Field Theory; Nuclear Structure Theory**)
Nuclear Induction (see **Magnetic Resonance; Nuclear Moments and Spin**)
Nuclear Isomers (see **Nuclear Spectra; Radioactivity**)
Nuclear Moments and Spin
Am^{241} and Am^{243} nuclear moments, Thurston E. Manning, Mark Fred, and Frank S. Tomkins—1108
Directional correlations and electric quadrupole moments of Hg isotopes, R. V. Pound and G. K. Wertheim—396
Experimental verification of Overhauser nuclear polarization effect, Thomas R. Carver and Charles P. Slichter—975
Nuclear magnetic resonance measurements of isotopes Ba^{135} and Ba^{137}, H. E. Walchli and T. J. Rowland—1334
Nuclear quadrupole coupling in polar molecules, R. M. Sternheimer and H. M. Foley—731
Nuclear spins of Mo^{95} and Mo^{97}, J. Owen and I. M. Ward—591
Paramagnetic resonance absorption in uranium (III) chloride and nuclear spin of U^{235}, Clyde A. Hutchison, Jr., P. M. Llewellyn, Eugene Wong, and Paul Dorain—292(L)
Paramagnetic resonance hfs of Co^{56}, R. V. Jones, W. Dobrowolski, and C. D. Jeffries—738
Variational approach to quadrupole polarizability of ions, T. P. Das and R. Bersohn—733
Nuclear Photoeffects
Angular distribution of neutrons from $Be^9(\gamma,n)Be^8$ reaction, W. Czyz—1185(L)

Implications of photonuclear effect in Zr^{90}, Peter Axel and John D. Fox—400
Photoejection of high-energy nucleons from nuclei and quasi-deuteron model. I. Cross sections and angular distributions, A. C. Odian, P. C. Stein, A. Wattenberg, B. T. Feld, and A. Weinstein—837
Yields and excitation curves for high-energy photospallation of Co, Robert L. Wolke and Norman A. Bonner —530

Nuclear Reactions, General (see also **Elementary Particle Interactions; Scattering**)
Anomaly in energy level density measurements, G. Igo and H. E. Wegner—1364
Calculation of electric dipole Coulomb excitation and dipole bremsstrahlung, R. M. Thaler, M. Goldstein, J. L. McHale, and L. C. Biedenharn—1567
Differential inelastic scattering of relativistic charged particles, U. Fano—385
Mass of B^{18} from nuclear reaction $Li^7(Li^7,p)B^{18}$, S. K. Allison, P. G. Murphy, and E. Norbeck, Jr.—1182(L)
Nitrogen-induced nuclear reactions in Al, W. H. Webb, H. L. Reynolds, and A. Zucker—749
Nuclear reactions produced by nitrogen on boron and oxygen, H. L. Reynolds, D. W. Scott, and A. Zucker —237
Rearrangement collisions, B. A. Lippmann—264
Transfer of nuclear particles, G. Breit—549

Nuclear Reactions Induced by α Particles and He^3 (see also **Scattering of α Particles**)
Neutrons and γ-rays from α particle bombardment of Be^9, B^{10}, B^{11}, C^{13}, and O^{18}, T. W. Bonner, Alfred A. Kraus, Jr., J. B. Marion, and J. P. Schiffer—1348
Radiation from excited states of C^{13}, R. J. Mackin, Jr., W. R. Mills, Jr., and J. Thirion—802

Nuclear Reactions Induced by Deuterons and Tritons (see also **Scattering of Deuterons**)
Calculation of reduced widths from stripping cross sections, W. Tobocman—588(L)
Compound nucleus effects in deuteron reactions $C^{13}(d,\alpha)B^{11}$ and $C^{13}(d,t)C^{12}$, Jerry B. Marion and Gustav Weber—1355
Fission of Bi with 15- and 22-Mev deuterons, A. W. Fairhall—1335
Radiation from excited states of C^{13}, R. J. Mackin, Jr., W. R. Mills, Jr., and J. Thirion—802
States of low excitation in O^{18}, D. R. Bach and P. V. C. Hough—1341
Triton-induced reactions, R. Sher and J. J. Floyd—242

Nuclear Reactions Induced by Mesons and Hyperons (see also **Elementary Particle Interactions; Mesons and Hyperons; Scattering of Mesons and Hyperons**)
Interaction of *K*-particles with nuclear matter, W. B. Cheston—517
Interaction of 750-Mev π^- mesons with emulsion nuclei, M. Blau and A. R. Oliver—489
Interactions of K^- mesons in nuclear emulsion, D. M. Fournet and M. Widgoff—929(L)
Interactions of negative *K* mesons, J. Hornbostel and E. O. Salant—502

Nuclear Reactions Induced by Neutrons (see also **Elementary Particle Interactions; Scattering of Neutrons**)
γ radiation from inelastic scattering of fast neutrons by isotopes of Te, Ni, and Cu, Rolf M. Sinclair—461
γ rays from neutron inelastic scattering, Robert B. Day —767
Neutron absorption cross sections of U^{235} and Pu^{239} in 5- to 50-kev energy range, R. L. Macklin, H. W. Schmitt, and J. H. Gibbons—797
Neutron capture cross section of Ac^{227}, H. W. Kirby, G. R. Grove, and D. L. Timma—1140
Neutron-capture γ rays from various elements, T. H. Braid—1109
Neutron cross-section measurements of Sb, Ga, Cd, and Hg, R. Ronald Palmer and Lowell M. Bollinger—228
Neutron cross section of Xe^{135} as function of energy, S. Bernstein, M. M. Shapiro, C. P. Stanford, T. E. Stephenson, J. B. Dial, S. Freed, G. W. Parker, A. R. Brosi, G. Herbert, and T. W. DeWitt—823
Neutron-induced charged particle reactions in K^{39}, Mary Jean Scott and Ralph E. Segel—1557
Neutron resonances in kev region, John H. Gibbons—1574
Neutron resonances in kev region for heavy even elements, H. W. Newson, J. H. Gibbons, H. Marshak, R. M. Williamson, R. A. Mobley, A. L. Toller, and R. Block—1580
Thermal-neutron fission cross section of Pu^{240}, E. K. Hulet, H. R. Bowman, M. C. Michel, and R. W. Hoff—1621
Total cross sections of light elements for (α,n) neutrons, R. L. Becker and H. H. Barschall—1384

Nuclear Reactions Induced by Protons (see also **Elementary Particle Interactions; Scattering of Protons**)
$Al^{27}(p,3pn)Na^{24}$ reaction, H. G. Hicks, P. C. Stevenson, and W. E. Nervik—1390
Excitation functions and yield ratios for isomeric pairs $Br^{80,80m}$, $Co^{58,58m}$, and $Sc^{44,44m}$ formed in (p,pn) reactions, J. W. Meadows, R. M. Diamond, and R. A. Sharp —190
γ rays from proton bombardment of Mg^{24}, A. E. Litherland, E. B. Paul, G. A. Bartholomew, and H. E. Gove —208
γ rays from proton bombardment of separated Cu isotopes, C. E. Weller, and J. C. Grosskreutz—1149
Hyperfragments and slow *K*-mesons in stars produced by 3-Bev protons, M. Blau—495
Interpretation of $Be^9(p,d)$ reaction at energies of 5 to 30 Mev, S. Glashow and W. Selove—200; 1689(E)
Polarization of deuteron in reaction $p+p\rightarrow\pi^++d$, Robert D. Tripp—862
Proton-induced reactions in Na^{23}, Al^{27}, and Si^{30}, B. L. Cohen—453
Scattering of 40-Mev protons from He^4, R. M. Eisberg —1104

Nuclear Scattering (see **Scattering**)

Nuclear Spectra (see also **Nuclear Reactions; Nuclear Structure Theory; Radioactivity**)
Angular correlation of γ rays in Pb^{204m}, J. R. Huizenga, V. E. Krohn, and S. Raboy—1063
Angular momenta and parities of excited states of Cd^{114}, J. N. Brazos and R. M. Steffen—753
As^{73} decay, E. Brun, J. J. Kraushaar, and W. E. Meyerhof —808
Au^{194} decay scheme, M. T. Thieme and E. Bleuler—195
Au^{198} internal conversion spectrum, Donald R. Connors, Walter C. Miller, and Bernard Waldman—1584
Bk^{245} properties, L. B. Magnusson, A. M. Friedman, D. Engelkemeir, P. R. Fields, and F. Wagner, Jr.—1097
Br^{82} decay scheme, R. C. Waddell and E. N. Jensen—816
Ca^{49} and Sc^{49} decay, D. W. Martin, J. M. Cork, and S. B. Burson—457
Ce^{144} decay, Ira Pullman and Peter Axel—1366
Cl^{34} decay, γ-γ angular correlation, Harry E. Handler and J. Reginald Richardson—833
Cl^{36} β spectrum, R. G. Johnson, O. E. Johnson, and L. M. Langer—1142
Coupling constants in theory of β decay, M. A. Preston and Kailash Kumar—1347
Directional correlation of γ rays of La^{140}, Ce^{140}, Pt^{192}, and As^{75}, W. H. Kelly and M. L. Wiedenbeck—1130

Nuclear Spectra (Continued)
Directional correlations and electric quadrupole moments of Hg isotopes, R. V. Pound and G. K. Wertheim—396
Electron scattering in K-electron γ angular correlation in Sn^{117}, Robert K. Golden and Sherman Frankel—1053
Energy levels of Np^{237} populated by α decay of Am^{241}, J. M. Hollander, W. G. Smith, and J. O. Rasmussen —1372
Fm^{252} properties, A. M. Friedman, J. E. Gindler, R. F. Barnes, R. Sjoblom, and P. R. Fields—585(L)
γ radiation from inelastic scattering of fast neutrons by isotopes of Te, Ni, and Cu, Rolf M. Sinclair—461
γ rays from neutron inelastic scattering, Robert B. Day —767
γ rays from proton bombardment of Mg^{24}, A. E. Litherland, E. B. Paul, G. A. Bartholomew, and H. E. Gove —208
γ rays from proton bombardment of separated Cu isotopes, C. E. Weller and J. C. Grosskreutz—1149
Ge^{68} disintegration, Bernd Crasemann, D. E. Rehfuss, and H. T. Easterday—1344
In^{114m} and In^{114} decay, Lee Grodzins and Henry Motz—761
Inner bremsstrahlung emitted in electron capture decay of Ni^{59}, A^{37}, and Fe^{55}, Babulal Saraf—466
Internal pair creation in β decay, Kerson Huang—422
Ionium (Th^{230}) decay, E. Booth, L. Madansky, and F. Rasetti—800
Mass assignment of 44-min Cf^{245} and new isotope Cf^{244}, Alfred Chetham-Strode, Jr., Gregory R. Choppin, and Bernard G. Harvey—747
Multiple ionization in Xe following internal conversion, Arthur H. Snell and Frances Pleasonton—1419(L)
Ne^{24} decay, B. J. Dropesky and A. W. Schardt—426
Neutron-capture γ-rays from various elements, T. H. Braid—1109
Ni^{56} decay, Noah R. Johnson, Raymond K. Sheline, and Richard Wolfgang—831
Np^{235} electron capture and α decay, Richard W. Hoff, James L. Olsen, and Lloyd G. Mann—805
Nuclear matrix elements for allowed β-transitions, W. C. Grayson, Jr., and L. W. Nordheim—1084
Os^{189} angular correlation, V. R. Potnis, V. S. Dubey, and C. E. Mandeville—459
Positrons from decay of P^{32} and Y^{90}, Jack S. Greenberg and Martin Deutsch—415
Pu^{239} energy levels populated by β decay of Np^{239}, J. M. Hollander, W. G. Smith, and J. W. Mihelich—740
Radiation from excited states of C^{13}, R. J. Mackin, Jr., W. R. Mills, Jr., and J. Thirion—802
Rb^{80} decay, G. D. O'Kelley, N. H. Lazar, and E. Eichler —223
Recoil broadening of conversion lines associated with α decay, J. Burde and S. G. Cohen—1689(E)
Rn^{220} and Rn^{222} decay, L. Madansky and F. Rasetti—464
Sb^{125} decay, N. H. Lazar—1058
Sr^{90} γ-γ angular correlation, Ernest D. Klema—449
States of low excitation in O^{18}, D. R. Bach and P. V. C. Hough—1341
Te^{127} and Te^{127m} radiations, J. D. Knight, J. P. Mize, J. W. Starner, and J. W. Barnes—1592
Time-dependent directional correlation of 1.1-hr Pb^{204}, G. K. Wertheim and R. V. Pound—185
Tm^{170} K-capture branch, Paul P. Day—1572
Unfavored factors for allowed β-transitions, W. C. Grayson, Jr., and L. W. Nordheim—1093

Nuclear Structure Theory (see also **Nuclear Reactions; Nuclear Spectra**)
Anomaly in energy level density measurements, G. Igo and H. E. Wegner—1364
Lowest states of particle excitation in even-even nuclei, R. Thieberger and I. Talmi—923(L)
Nuclear matrix elements for allowed β transitions, W. C. Grayson, Jr., and L. W. Nordheim—1084
Nucleon energy levels in diffuse potential, A. A. Ross, Hans Mark, and R. D. Lawson—1613
Optical-model potential for nucleons scattered by nuclei, W. B. Riesenfeld and K. M. Watson—1157
Potential scattering of high-energy electrons in second Born approximation, R. R. Lewis, Jr.—537
Realistic independent-particle model of nucleus, Alex E. S. Green—1325
Related jj-coupling configurations in K^{40} and Cl^{36}, S. Goldstein and I. Talmi—589(L)
Scattering of electrons from nuclear charge fluctuations, R. R. Lewis, Jr.—544
Self-consistent field calculation of nuclear boundary diffuseness, James D. Talman—455
Surface oscillations in even-even nuclei, Lawrence Wilets and Maurice Jean—788
Tensor operator methods and two-body spin-orbit interaction, J. Hope and L. W. Longdon—1124
Theory of 0^+ states of O^{16}, Richard A. Ferrell and William M. Visscher—450
Unfavored factors for allowed β-transitions, W. C. Grayson, Jr., and L. W. Nordheim—1093

Optical Instruments (see **Methods and Instruments**)
Optical Properties (see also **Luminescence**)
Annealing of irradiation effects in NaCl irradiated with high-energy protons, Koichi Kobayashi—348
Field-induced color shift in electroluminescent ZnS, John F. Waymouth and Francis Bitter—686
Optical absorption of Cu and Ag at 4.2°K, Manfred A. Biondi—964
Optical absorption of pure Ag halides, F. Moser and F. Urbach—1519
Photoelastic observations of expansion of alkali halides on irradiation, W. Primak, C. J. Delbecq, and P. H. Yuster —1688(E)
Photon emission from avalanche breakdown in Si, A. G. Chynoweth and K. G. McKay—369
Photosensitization of PbS films, R. H. Harada and H. T. Minden—1258
Polarized absorption and fluorescence spectra of crystalline anthracene at 4°K: spectral evidence for trapped excitons, Jerome W. Sidman—96
Spectral distribution of photoconductivity, H. B. DeVore —86

Pair Production (see **Electrons and Positrons**)
Phosphors and Phosphorescence (see **Luminescence; Semiconductors**)
Photoconductivity (see **Electrical Conductivity and Resistance**)
Photodisintegration (see **Nuclear Photoeffects**)
Photoelasticity (see **Elasticity and Plasticity**)
Photoelectric Effect (see **Electrical Properties**)
Photography and Photographic Emulsions (see **Methods and Instruments; Optical Properties**)
Photometry (see **Methods and Instruments; Optical Properties**)
Photons (see **Radiation**)
Photovoltaic Effect (see **Electrical Properties; Semiconductors**)
Piezoelectric Effect (see **Dielectrics and Dielectric Properties**)
Plasticity (see **Elasticity and Plasticity**)
Polarization, Electrical (see **Dielectrics and Dielectric Properties**)

Polymers (see **Molecular Aggregates**)
Positrons (see **Electrons and Positrons**)
Probability (see **Mathematical Methods**)
Protons (see **Elementary Particle Interactions**)

Quantum Electrodynamics (see also **Field Theory**)
High-energy electron-nuclear scattering, H. Mendlowitz —527
Internal pair creation in β decay, Kerson Huang—422
Variational principle in hydrodynamical formulation of Dirac field, T. Takabayasi—297(L)
Quantum Mechanics
Application of Rayleigh-Schrödinger perturbation theory to H atom, Richard E. Trees—1553
Sommerfeld's bremsstrahlung formula, L. C. Biedenharn —262
Unrestricted Hartree-Fock method, George W. Pratt, Jr. —1303
Quenching of Radiation (see **Radiation**)

Radar (see **Methods and Instruments; Radiation**)
Radiation (see also **Gamma Rays; Range and Energy Loss; X-Rays**)
Bremsstrahlung yield of high-energy electrons in hydrogen, David Bernstein and W. K. H. Panofsky—522
Calculation of electric dipole Coulomb excitation and dipole bremsstrahlung, R. M. Thaler, M. Goldstein, J. L. McHale, and L. C. Biedenharn—1567
Compton scattering and bremsstrahlung of spin-3/2 particles, Jon Mathews—270
Differential cross-section measurements of thin-target bremsstrahlung produced by 2.7- to 9.7-Mev electrons, N. Starfelt and H. W. Koch—1598
Energy spectrum of electrons produced in Al by 17.8-Mev bremsstrahlung, Robert L. Stearns and E. C. Gregg—1
Incidence of electromagnetic wave on "Cerenkov electron gas," Murray A. Lampert—299
Inner bremsstrahlung emitted in electron capture decay of Ni^{59}, A^{37}, and Fe^{55}, Babulal Saraf—466
Polarization of bremsstrahlen, John M. Dudley, Fred W. Inman, and Robert W. Kenney—925(L)
Sommerfeld's bremsstrahlung formula, L. C. Biedenharn —262
Spectral and angular distribution of uv radiation from 300-Mev Cornell synchrotron, D. H. Tomboulian and P. L. Hartman—1423
Total electron Compton cross section at 319 Mev, John D. Anderson, Robert W. Kenney, and Charles A. McDonald, Jr.—1626
Radio Waves (see **Radiation**)
Radioactivity (see also **Nuclear Spectra**)
Bk^{245} properties, L. B. Magnusson, A. M. Friedman, D. Engelkemeir, P. R. Fields, and F. Wagner, Jr.—1097
Fm^{250} properties, A. M. Friedman, J. E. Gindler, R. F. Barnes, R. Sjoblom, and P. R. Fields—585
Isotopes of E and Fm produced by neutron irradiation of Pu, M. Jones, R. P. Schuman, J. P. Butler, G. Cowper, T. A. Eastwood, and H. G. Jackson—203
Long-lived Pb^{205}, J. R. Huizenga and J. Wing—926(L)
Mass assignment of 44-min Cf^{245} and new isotope Cf^{244}, Alfred Chetham-Strode, Jr., Gregory R. Choppin, and Bernard G. Harvey—747
Neutron capture cross section of Ac^{227}, H. W. Kirby, G. R. Grove, and D. L. Timma—1140
New isotope of Bk, E. K. Hulet—182
Pu^{239} energy levels populated by β decay of Np^{239}, J. M. Hollander, W. G. Smith, and J. W. Mihelich—740
Recoil broadening of conversion lines associated with α decay, J. Burde and S. G. Cohen—1689(E)
Spontaneous fission kinetics of Cf^{252}, A. B. Smith, A. M. Friedman, and P. R. Fields—813
Transplutonium elements in thermonuclear test debris, P. R. Fields, M. H. Studier, H. Diamond, J. F. Mech, M. G. Inghram, G. L. Pyle, C. M. Stevens, S. Fried, W. M. Manning, A. Ghiorso, S. G. Thompson, G. H. Higgins, and G. T. Seaborg—180
Raman Spectra (see **Molecular Structure and Spectra**)
Range and Energy Loss of Particles (see also **Scattering**)
High-velocity particle ranges in emulsion, Walter H. Barkas, Paul H. Barrett, Pierre Cuer, Harry H. Heckman, Frances M. Smith, and Harold K. Ticho—583(L)
Ionization *vs* energy relation for fission fragments, H. W. Schmitt and R. B. Leachman—183
Momentum transfer cross section and fractional energy loss in collisions of slow electrons with N_2 molecules, J. M. Anderson and L. Goldstein—388
Recoil particles from Po^{210} and their ionization in A and He, William P. Jesse and John Sadauskis—389
Recombination (see **Molecular Structure and Spectra**)
Rectifiers (see **Electrical Conductivity and Resistance; Semiconductors**)
Relativity and Gravitation
Nonclassical transformation in special relativity, Rene Reulos—535
Resistance, Electrical (see **Electrical Conductivity and Resistance**)
Resonance Radiation (see **Radiation**)

Scattering, General (see also **Diffraction; Elementary Particle Interactions; Nuclear Reactions; Range and Energy Loss of Particles**)
Calculation of scattering potential from reflection coefficients, H. E. Moses—559
Derivation of Low scattering formalism, Abraham Klein —913
Determination of potential from scattering data, Joseph B. Keller, Irvin Kay, and Jerry Shmoys—557
Differential inelastic scattering of relativistic charged particles, U. Fano—385
Elastic scattering of nitrogen by nitrogen, H. L. Reynolds and A. Zucker—1378
Experimental cross sections for charge-changing collisions of He^{+} and He^{++} ions traversing gases, S. K. Allison, J. Cuevas, and P. G. Murphy—1041
Nucleon-nucleon scattering, Herman Feshbach and Earle Lomon—891
Nucleon scattering and Feshbach-Lomon model, Robert B. Raphael—905
Optical-model potential for nucleons scattered by nuclei, W. B. Riesenfeld and K. M. Watson—1157
Rearrangement collisions, B. A. Lippmann—264
Scattering of α Particles (see also **Nuclear Reactions Induced by α Particles and He^3**)
Experimental cross sections for charge-changing collisions of He^{+} and He^{++} ions traversing gases, S. K. Allison, J. Cuevas, and P. G. Murphy—1041
Scattering of Atoms and Molecules (see **Atomic and Molecular Beams**)
Scattering of Deuterons and Tritons (see also **Nuclear Reactions Induced by Deuterons and Tritons**)
Scattering of Electrons and Positrons (see also **Electrons and Positrons**)
Calculation of electron-deuteron scattering cross sections, V. Z. Jankus—1586
Dependence of electron reflection on contamination of reflecting surface, G. A. Harrower—1288
Elastic scattering of 188-Mev electrons from proton and α-particle, R. W. McAllister and R. Hofstadter—851

Scattering of Electrons and Positrons (Continued)
Electron scattering in K-electron-γ angular correlation in Sn^{117}, Robert K. Golden and Sherman Frankel—1053
High-energy electron-nuclear scattering, H. Mendlowitz —527
Momentum transfer cross section and fractional energy loss in collisions of slow electrons with N_2 molecules, J. M. Anderson and L. Goldstein—388
Multiple elastic scattering in electron diffraction by crystals, Jean A. Hoerni—1534
Multiple elastic scattering in electron diffraction by molecules, Jean A. Hoerni—1530
Pion production by inelastic scattering of electrons in hydrogen, W. K. H. Panofsky, W. M. Woodward, and G. B. Yodh—1392
Potential scattering of high-energy electrons in second Born approximation, R. R. Lewis, Jr.—537
Scattering of electrons from nuclear charge fluctuations, R. R. Lewis, Jr.—544
Theory of ionization probability near threshold, Sydney Geltman—171
Variation with electron energy of collision cross section of He for slow electrons—J. M. Anderson and L. Goldstein —933

Scattering of Mesons and Hyperons (see also **Mesons; Nuclear Reactions Induced by Mesons**)
Analytic approach for pion-proton scattering phase shifts, W. Rarita—486
Crossing symmetry in meson-nucleon scattering, G. Feldman and P. T. Matthews—1421(L)
Dispersion relations for pion-nucleon scattering: no-spin-flip amplitude, Reinhard Oehme—1174
Interpretation of K^+ scattering in nuclear emulsions, Louis S. Osborne—296(L)
Interpretation of phase shifts in pion-nucleon scattering, R. G. Sachs—867
Scattering of 22-Mev positive pions on protons, Stanley L. Whetstone, Jr., and Donald H. Stork—251

Scattering of Neutrons (see also **Nuclear Reactions Induced by Neutrons**)
Coherent neutron scattering amplitudes of Kr and Xe, and electron-neutron interaction, M. F. Crouch, V. E. Krohn, and G. R. Ringo—1321
γ radiation from inelastic scattering of fast neutrons by isotopes of Te, Ni, and Cu, Rolf M. Sinclair—461
γ rays from neutron inelastic scattering, Robert B. Day —767
Nucleon-nucleon scattering, Herman Feshbach and Earle Lomon—891
Nucleon scattering and Feshbach-Lomon model, Robert B. Raphael—905

Scattering of Protons (see also **Nuclear Reactions Induced by Protons**)
Differential cross section for proton-helium scattering near 17.5 Mev, Karl W. Brockman, Jr.—391
Elastic scattering of 5–25 Mev protons from Co, Ni, Cu, and Zn, D. A. Bromley and N. S. Wall—1560
Elastic scattering of 315-Mev polarized protons by complex nuclei, Owen Chamberlain, Emilio Segrè, Robert D. Tripp, Clyde Wiegand, and Thomas Ypsilantis—1659
Elastic scattering of 340-Mev protons by deuterons, Owen Chamberlain and David D. Clark—473
Nucleon-nucleon scattering, Herman Feshbach and Earle Lomon—891
Nucleon scattering and Feshbach-Lomon model, Robert B. Raphael—905
Phase-shift analysis of p-p scattering at 150 Mev, Shoroku Ohnuma and David Feldman—1641
Scattering of 40-Mev protons from He^4, R. M. Eisberg —1104

Scattering of Radiation (see **Gamma Rays; Radiation; X-Rays**)
Scintillation Counters (see **Methods and Instruments**)
Secondary Emission (see **Electrical Properties**)
Semiconductors
Annealing of Ge supersaturated with Ni, P. Penning—1414(L)
Cu in Ge: recombination center and trapping center, R. G. Shulman and B. J. Wyluda—1455
Effect of water vapor on Ge surface potential, A. R. Hutson—381
Effective electron mass in InAs and InSb, R. P. Chasmar and R. Stratton—1686(L)
Effects of γ radiation on Ge, J. W. Cleland, J. H. Crawford, Jr., and D. K. Holmes—722
Elastic constants of InSb, L. H. DeVaux and F. A. Pizzarello—85
Galvanomagnetic effects in semiconductor with two sets of spheroidal energy surfaces, Maurice Glicksman—1496
Hall effect in gray Sn filaments, E. E. Kohnke and A. W. Ewald—1481
Hole trapping in Ge bombarded by high-energy electrons, R. G. Shulman—1451
Ionization interaction between impurities in semiconductors and insulators, R. L. Longini and R. F. Greene—992
Paramagnetic resonance in As-doped Si, A. Honig and J. Combrisson—917(L)
Photoconductivity in Mn-doped Ge, R. Newman, H. H. Woodbury, and W. W. Tyler—613
Photon emission from avalanche breakdown in Si, A. G. Chynoweth and K. G. McKay—369
Photosensitization of PbS films, R. H. Harada and H. T. Minden—1285
Quantum theory of cyclotron resonance in semiconductors: general theory, J. M. Luttinger—1030
Scattering of carriers from doubly-charged impurity sites in Ge, W. W. Tyler and H. H. Woodbury—647
Slow surface reaction on Ge, S. Roy Morrison—1297
Temperature-dependent factor in carrier lifetime, R. L. Longini—584(L)
Theory of transport effects in semiconductors: Nernst coefficient, and its relation to thermoelectric power, P. J. Price—1245
Weak field magnetoresistance of n-type Ge, Colman Goldberg and R. E. Davis—1254
Shock Waves (see **Fluid Dynamics**)
Solid State (see **Crystalline State**)
Solutions (see **Liquids**)
Sound (see **Acoustics**)
Spallation (see **Nuclear Reactions**)
Spark Discharge (see **Electrical Discharges**)
Specific Heat (see **Thermal Properties**)
Spectra, Atomic (see **Atomic Structure and Spectra**)
Spectra, General
Photon emission from avalanche breakdown in Si, A. G. Chynoweth and K. G. McKay—369
Polarized absorption and fluorescence spectra of crystalline anthracene at 4°K: spectral evidence for trapped excitons, Jerome W. Sidman—96
Spectra, Molecular (see **Molecular Structure and Spectra**)
Spectra, Nuclear (see **Nuclear Spectra**)
Spectroscopy Technique (see **Methods and Instruments**)
Spinor Fields (see **Field Theory**)
Standards (see **Constants, Standards, Units**)
Stark Effect (see **Atomic Structure and Spectra**)
Statistical Mechanics and Thermodynamics
Components of thermodynamic functions of Fe, R. J. Weiss and K. J. Tauer—1490
Equation of fusion curve, J. J. Gilvarry—325

General theory of spin-wave interactions, Freeman J. Dyson—1217
Grüneisen parameter for solid under finite strain, J. J. Gilvarry—331
Grüneisen's law and fusion curve at high pressure, J. J. Gilvarry—317
Lindemann and Grüneisen laws, J. J. Gilvarry—308
Model for collision processes in gases: small-amplitude oscillations of charged two-component systems, E. P. Gross and M. Krook—593
Relationship between reciprocity theorems of Onsager and of Callen-Greene, Thomas A. Kaplan—1447
Statistical method and molecular binding, Włodzimierz Kołos—1052
Stochastic basis of Onsager's minimum principle, Armand Siegel—953
Susceptibility and entropy of *F*-centers in alkali halides below 1°K, J. Korringa and J. G. Daunt—92
Theory of order-disorder kinetics, George H. Vineyard—981
Theory of transport effects in semiconductors: Nernst coefficient, and its relation to thermoelectric power, P. J. Price—1245
Thermodynamic behavior of ideal ferromagnet, Freeman J. Dyson—1230
Thermodynamics and Overhauser nuclear polarization effect, W. A. Barker and A. Mencher—1023
Thermomolecular pressure ratios for He^3 and He^4, Thomas R. Roberts and Stephen G. Sydoriak—304
Use of Boltzmann equation for study of ionized gases of low density. I, Kenneth M. Watson—12; II, K. A. Brueckner and K. M. Watson—19

Statistical Methods (see **Mathematical Methods**)

Superconductivity
Atomic heats of normal and superconducting Sn between 1.2° and 4.5°K, W. S. Corak and C. B. Satterthwaite—662
Atomic heats of normal and superconducting vanadium, W. S. Corak, B. B. Goodman, C. B. Satterthwaite, and A. Wexler—656
Investigation of electron emission from superconductors, Fernand Bedard, Hans Meissner, and George E. Owen—667
Investigation of superconductivity of Hf, Robert A. Hein—1511
Lifetime of positrons in superconducting Pb, B. Green and L. Madansky—1014
Observation of nuclear magnetic resonance in superconducting Hg, F. Reif—1417(L)
Paramagnetic effect in superconducting Sn, In, and Tl, James C. Thompson—1004
Two-fluid model of "energy-gap" superconductor, H. W. Lewis—1508

Supersonics (see **Fluid Dynamics**)

Thermal Conductivity (see **Thermal Properties**)
Thermal Diffusion (see **Diffusion**)
Thermal Expansion (see **Thermal Properties**)
Thermal Properties
Atomic heats of normal and superconducting Sn between 1.2° and 4.5°K, W. S. Corak and C. B. Satterthwaite—662
Atomic heats of normal and superconducting vanadium, W. S. Corak, B. B. Goodman, C. B. Satterthwaite, and A. Wexler—656
Heat capacity of Ti between 4°K and 15°K, M. H. Aven, R. S. Craig, T. R. Waite, and W. E. Wallace—1263
Specific heat of magnetite crystal at liquid He temperatures, J. S. Kouvel—1489
Thermal Radiation (see **Radiation**)
Thermionic Emission (see **Electrical Properties**)
Thermodynamics (see **Statistical Mechanics and Thermodynamics**)
Thermoelectric Effect (see **Electrical Properties; Semiconductors**)
Thermoluminescence (see **Luminescence**)
Thermomagnetic Effect (see **Magnetic Properties**)
Total Cross Sections (see **Electrons and Positrons; Nuclear Reactions**)
Transmutation (see **Nuclear Reactions**)

Uncertainty Principle (see **Quantum Mechanics**)
Units (see **Constants, Standards, Units**)

Vacuum Tubes (see **Methods and Instruments**)
Van der Waals Forces (see **Molecular Structure and Spectra**)
Viscosity (see **Liquids**)

Wave Mechanics (see **Quantum Mechanics**)
Work Function (see **Electrical Properties**)

X-Rays
Expansion of KCl and NaCl crystals due to x-ray irradiation of weak intensities, Lan-Ying Lin—968
X-ray absorption edges of transition metal salts, H. P. Hanson and J. R. Knight—632